

FIG. 1

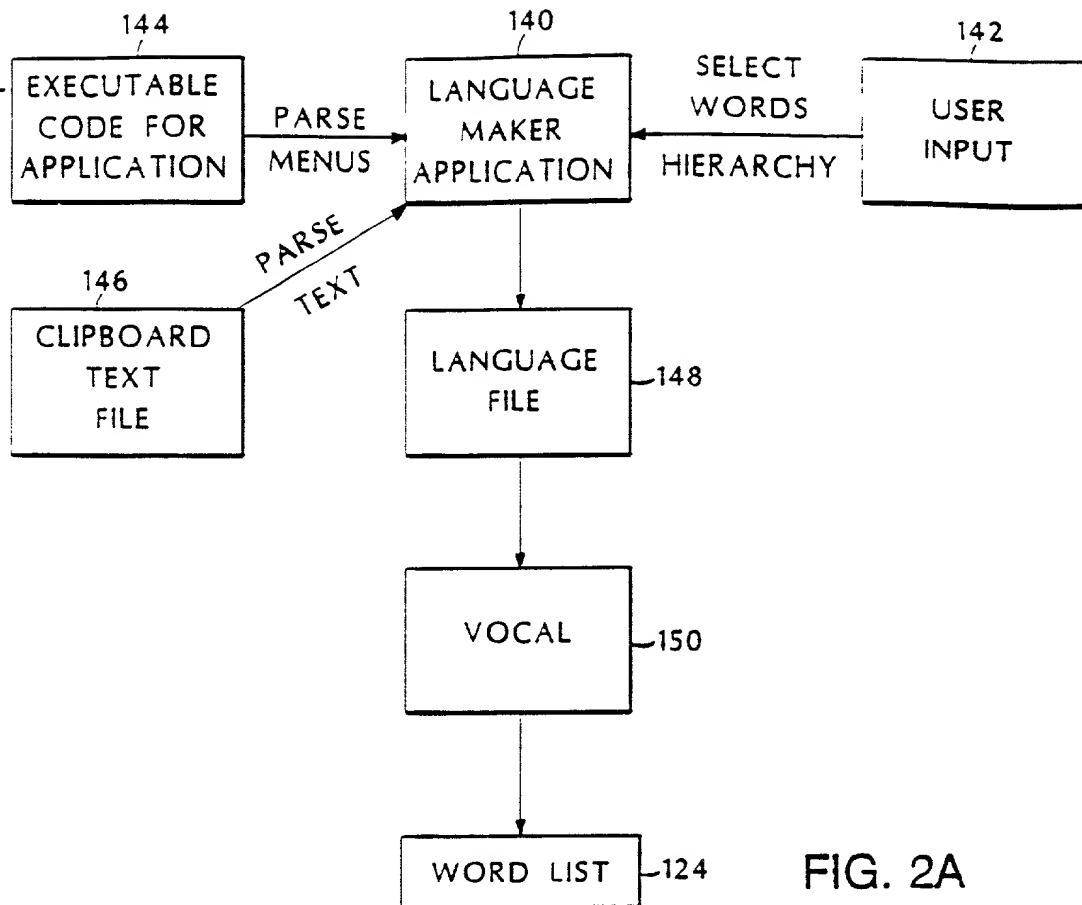


FIG. 2A

122		124	
UTTERANCE		UTTERANCE NAME	COMMAND STRING
147	"immortalize"	149	save file → @MENU (file, 2)
147	"palatino"	149	palatino → @MENU (font, 1)
	⋮	149	⋮
			151

FIG. 2B



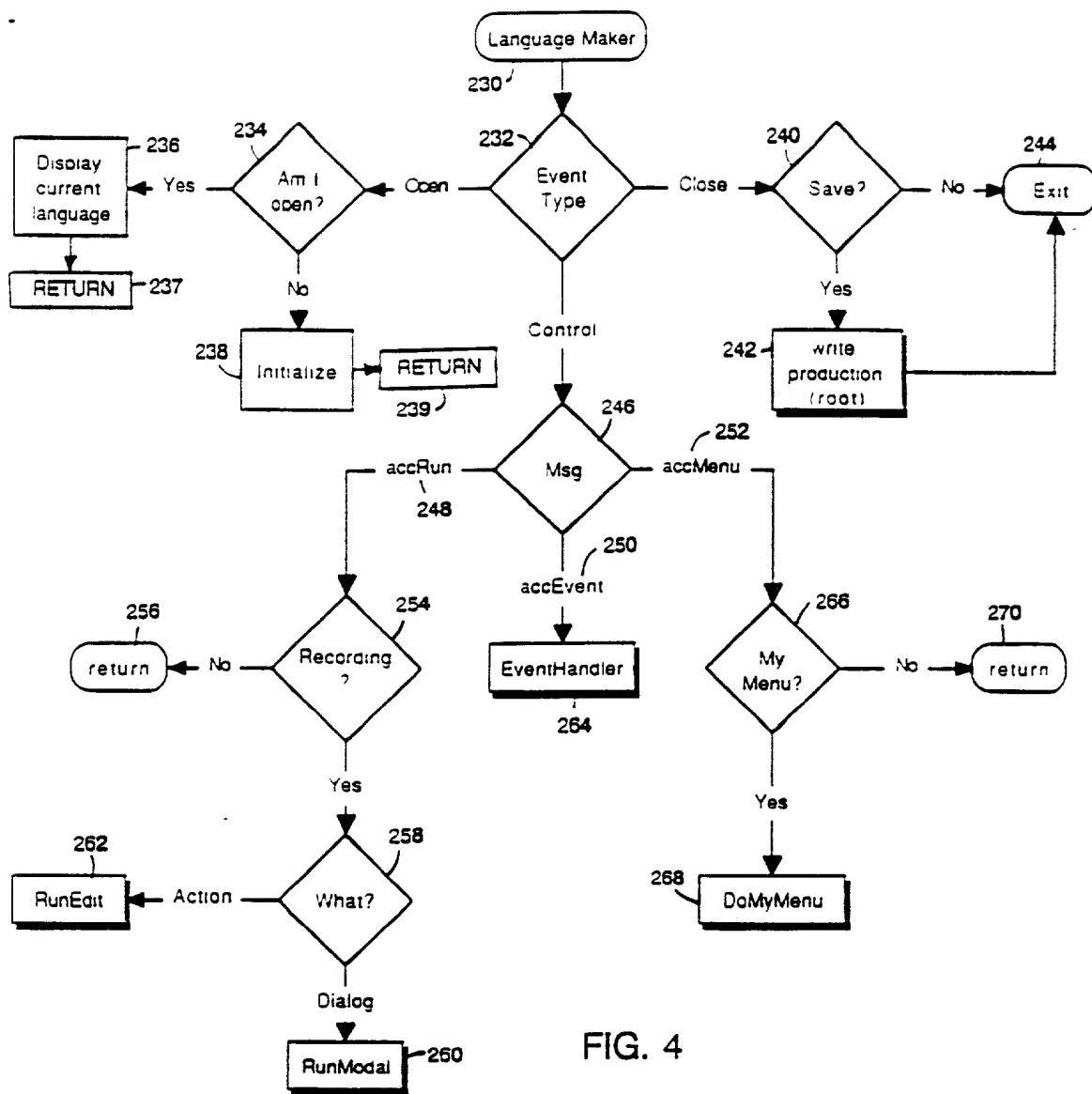


FIG. 4

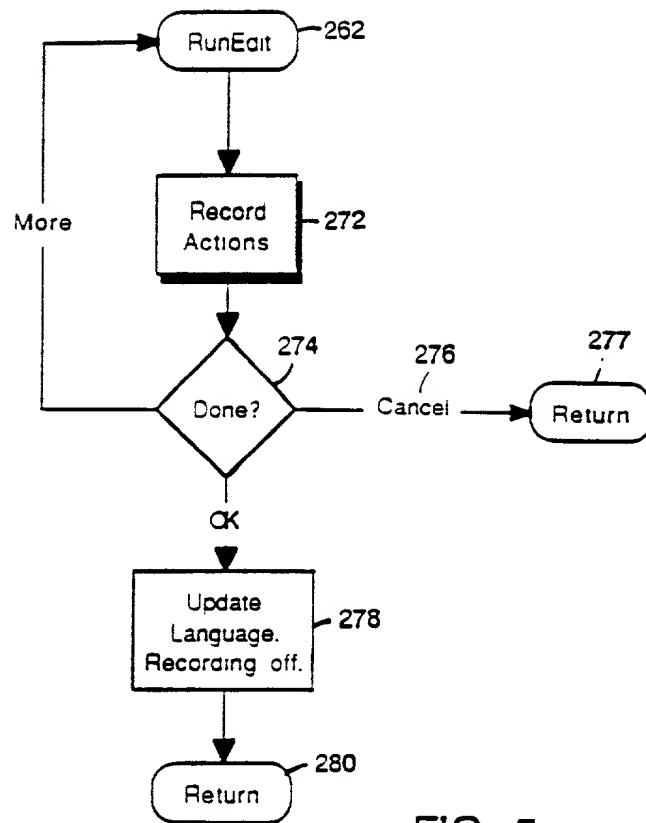


FIG. 5

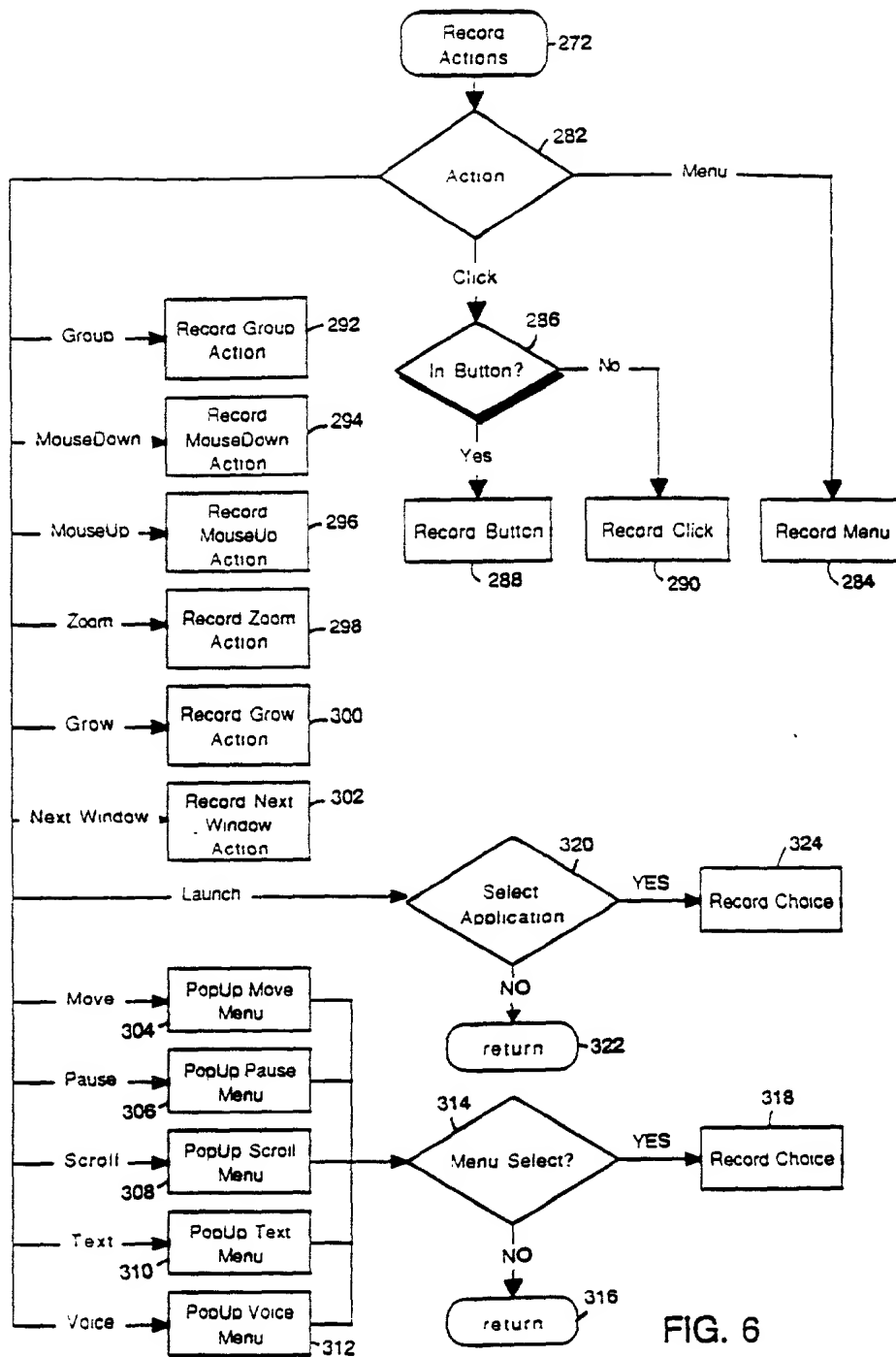


FIG. 6

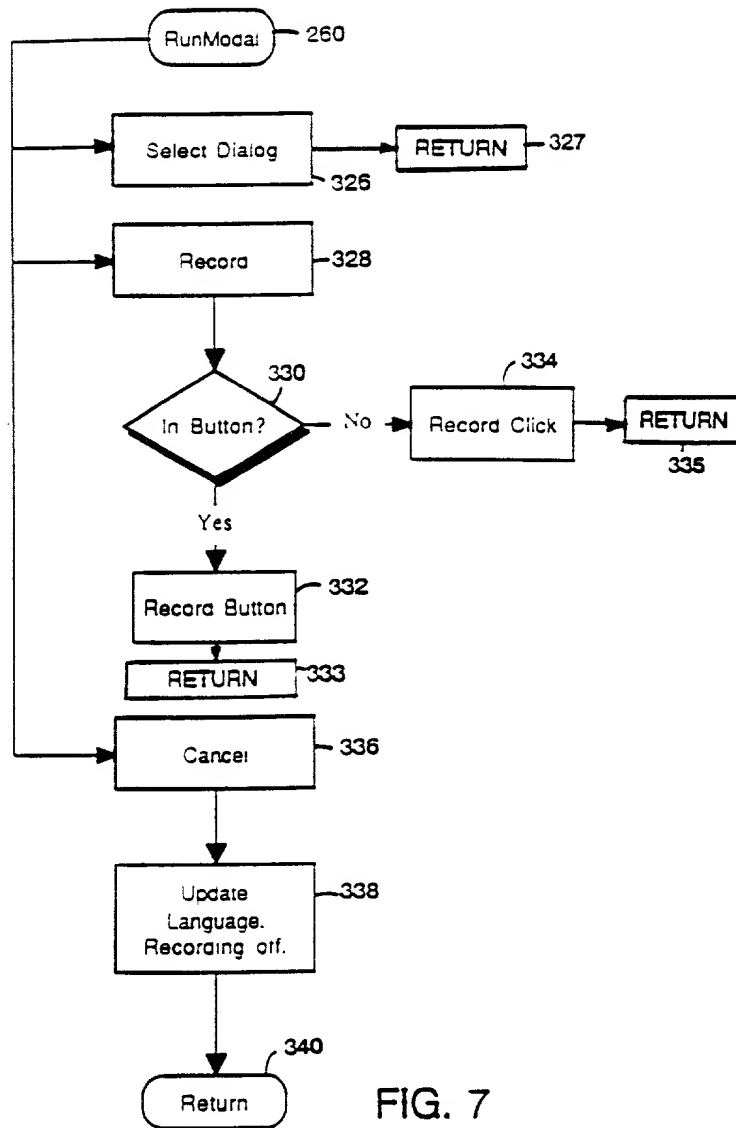


FIG. 7

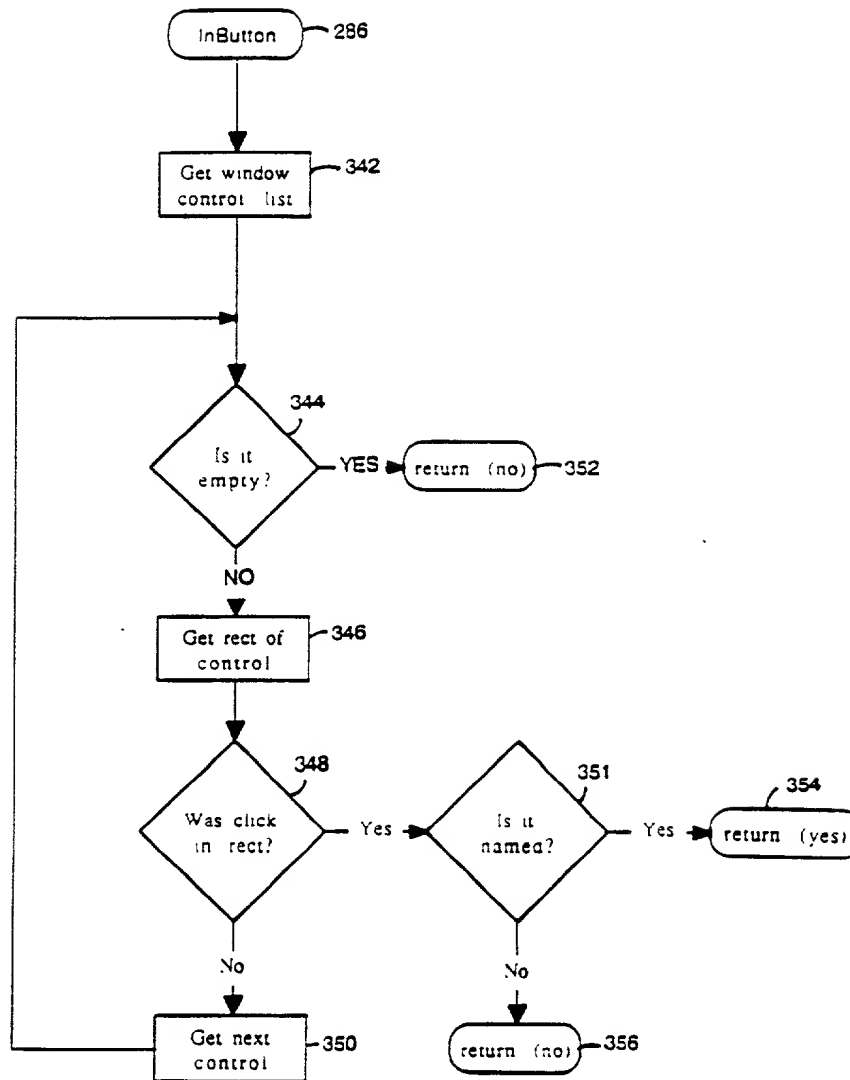


FIG. 8



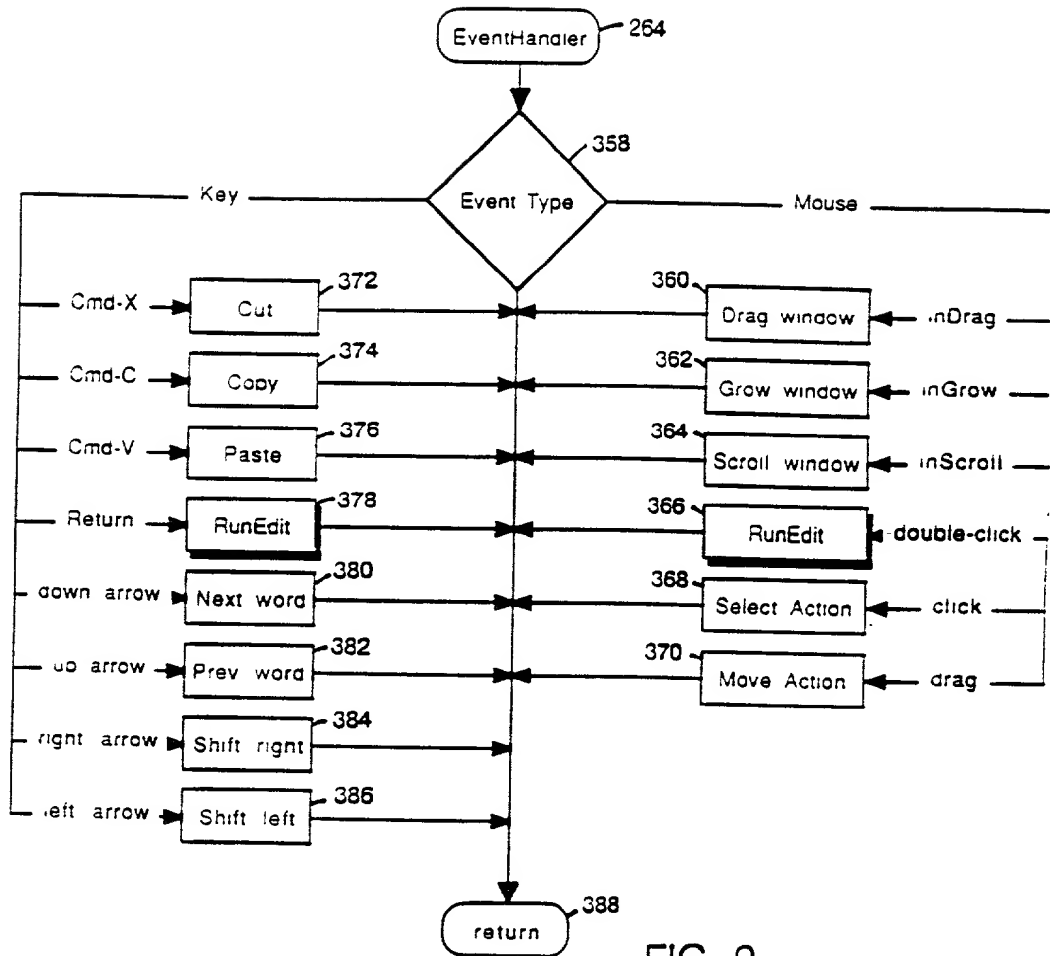


FIG. 9

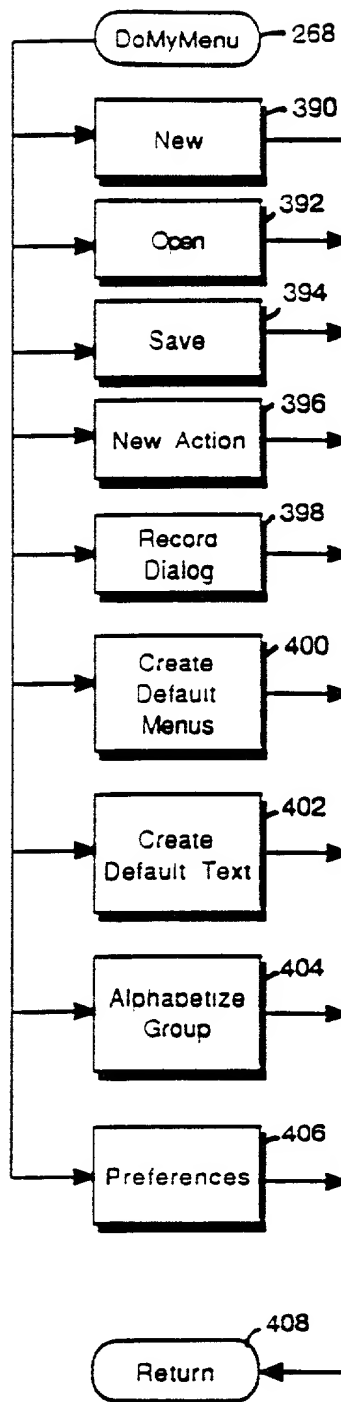


FIG. 10

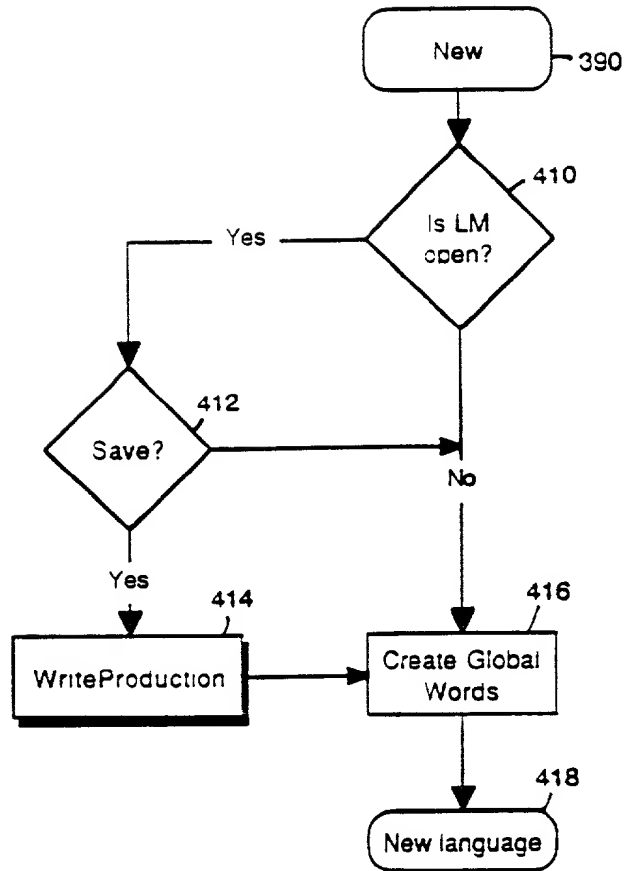


FIG. 11A

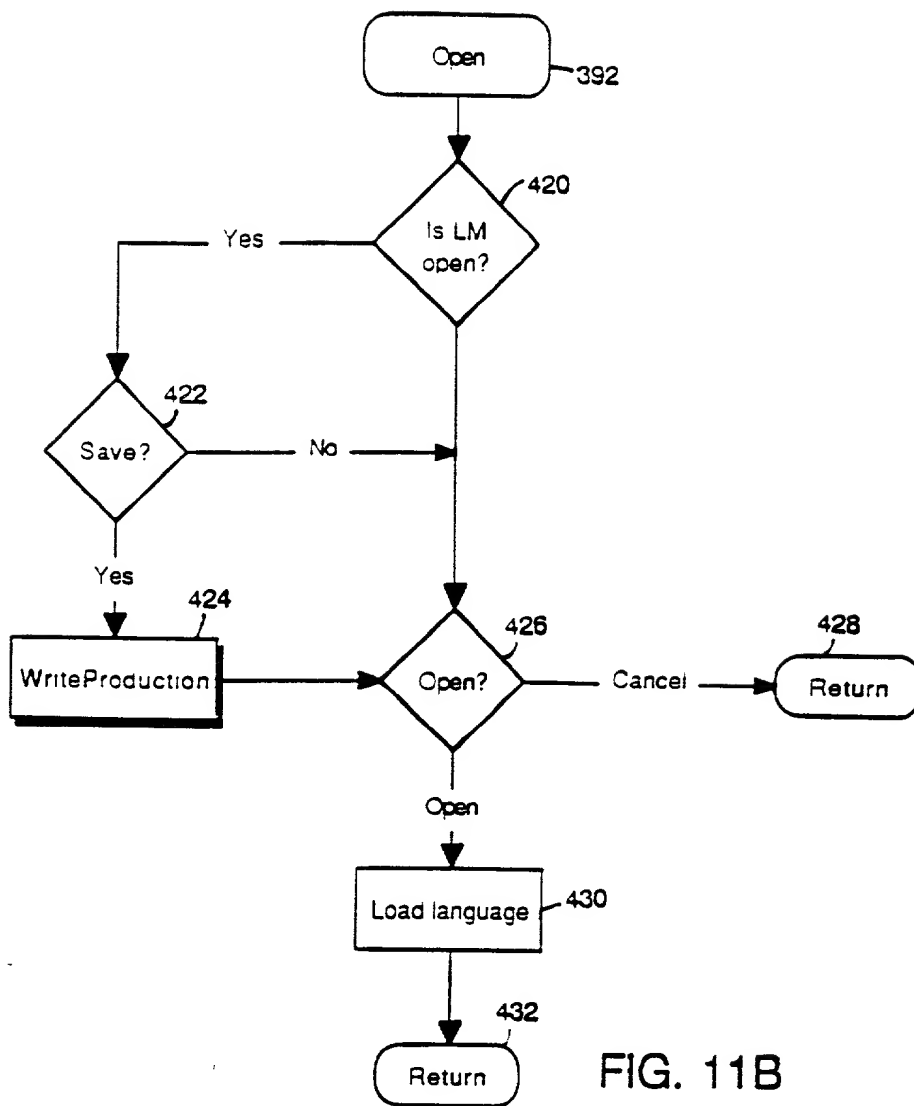


FIG. 11B

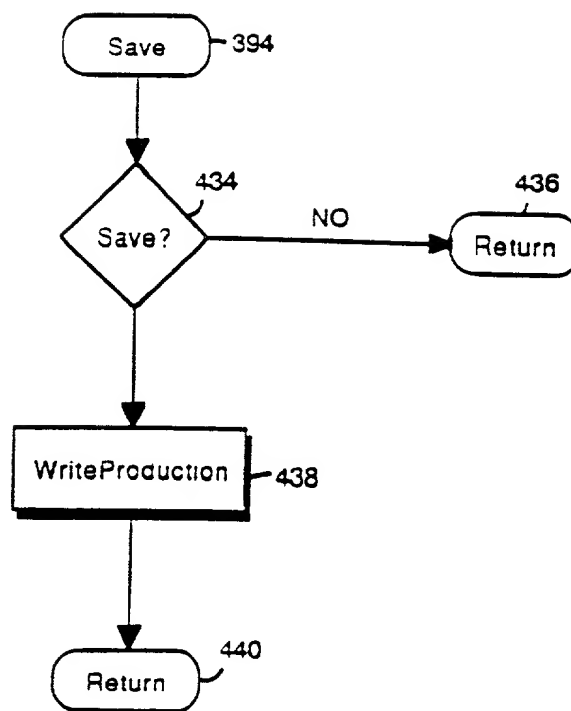


FIG. 11C

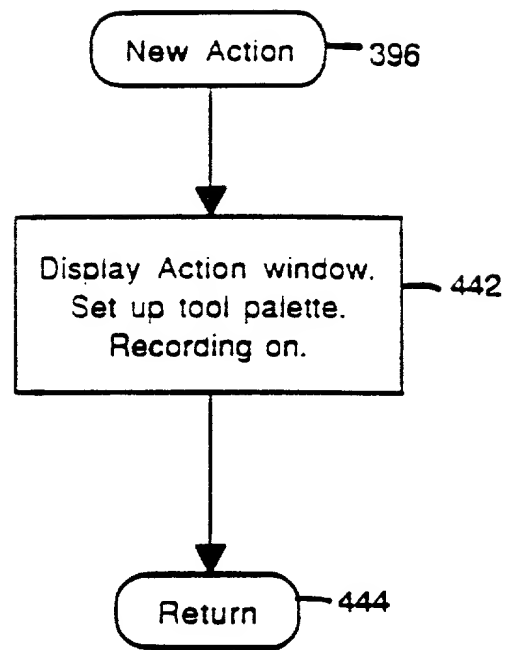


FIG. 11D

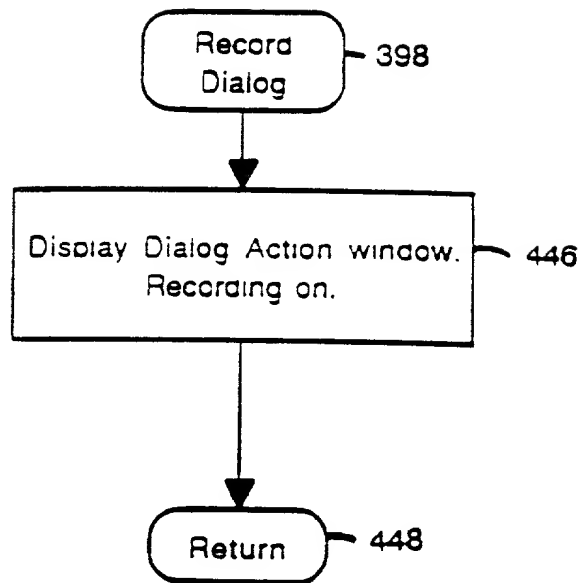


FIG. 11E

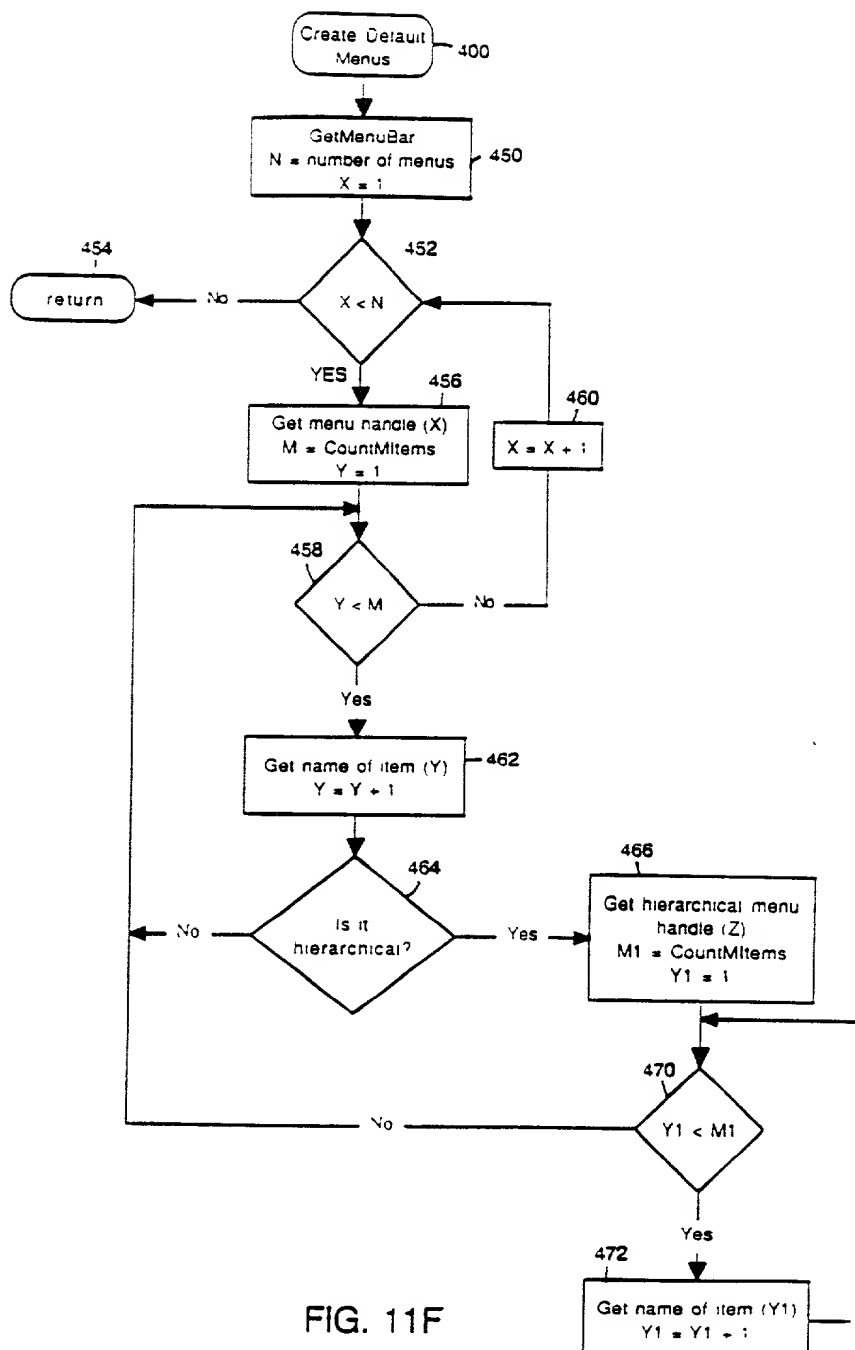


FIG. 11F



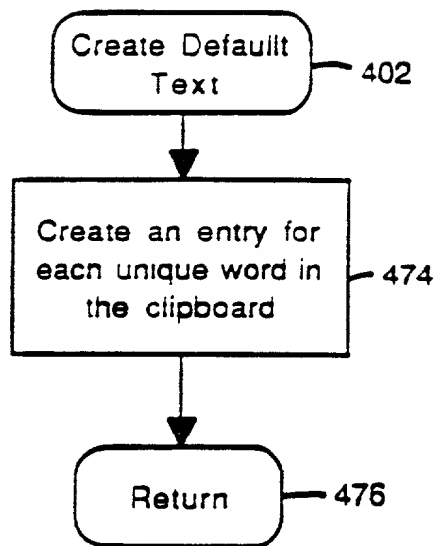


FIG. 11G

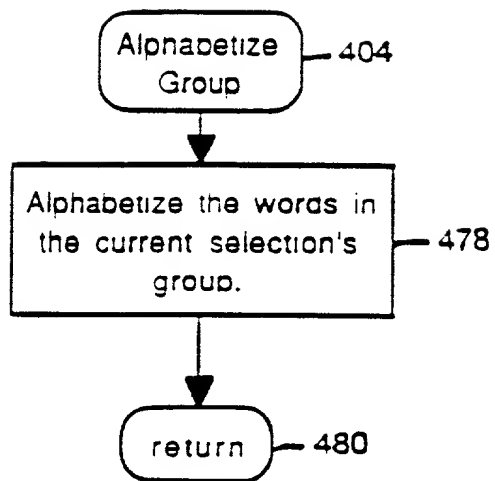


FIG. 11H

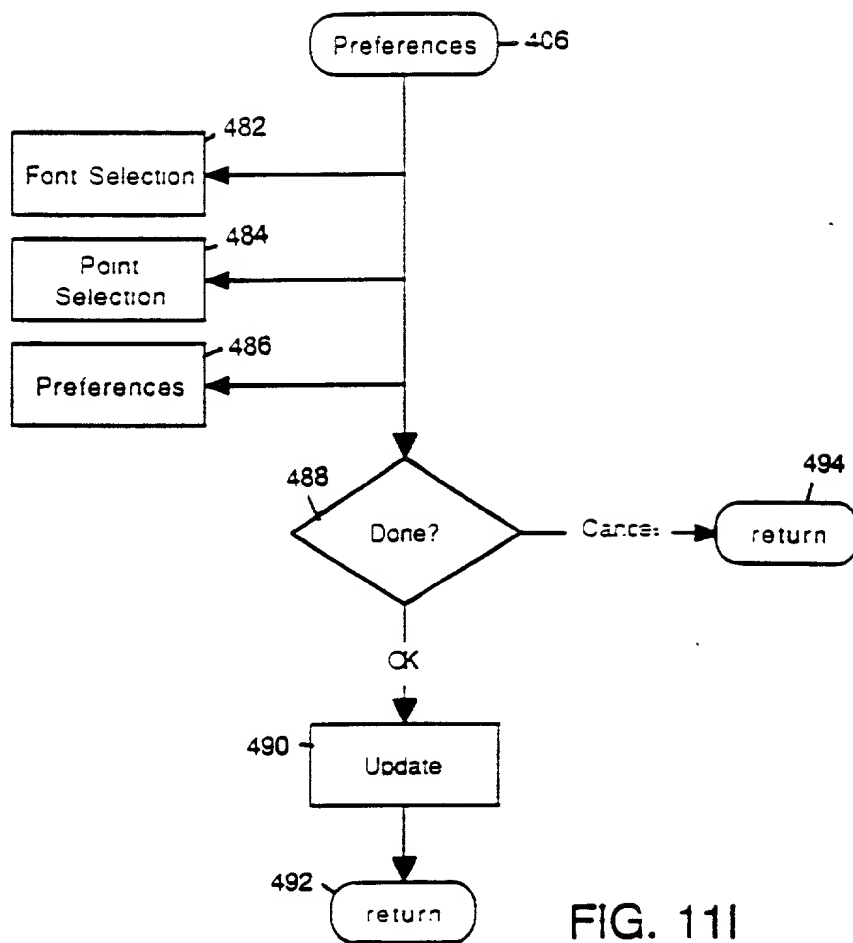


FIG. 111

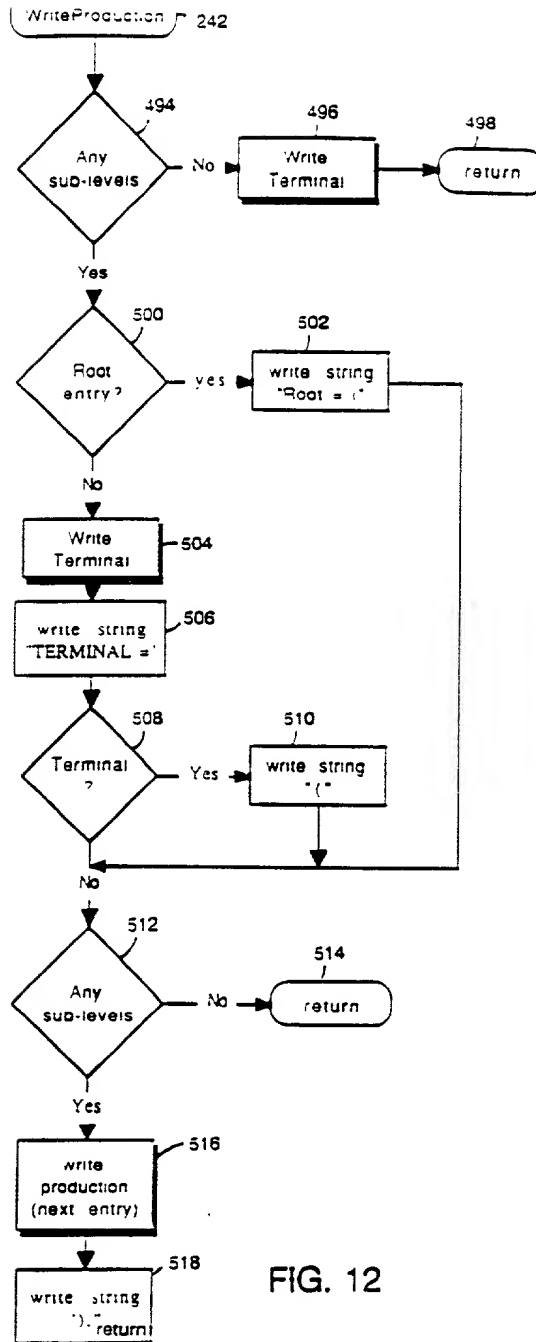


FIG. 12

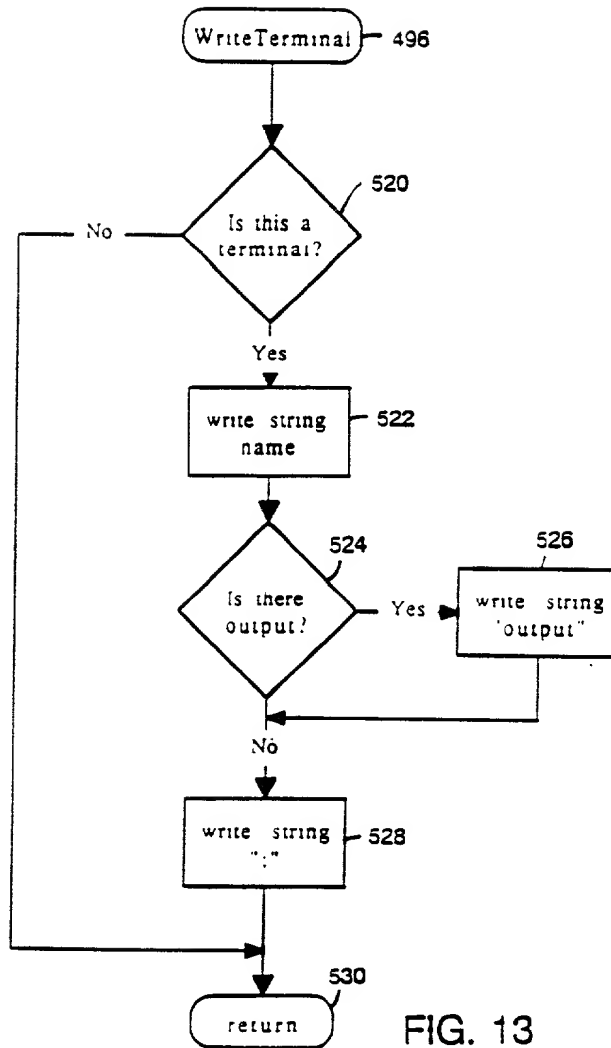


FIG. 13

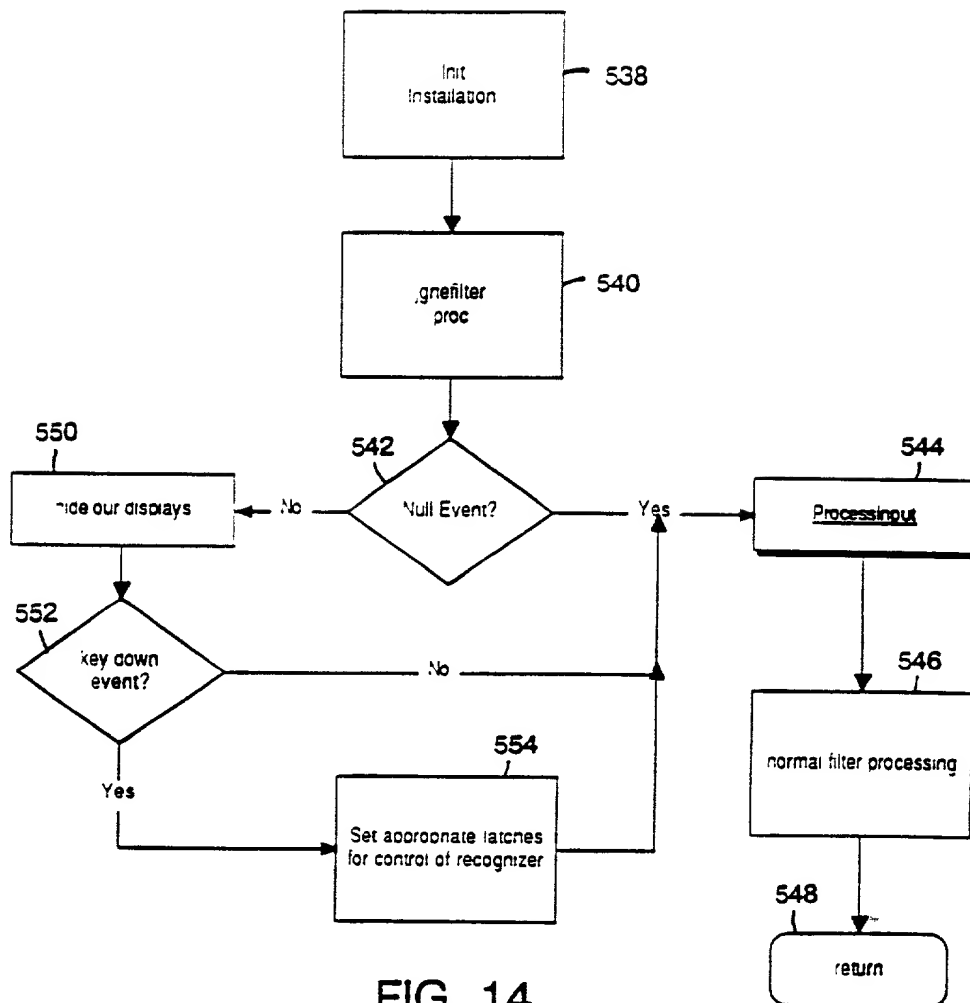


FIG. 14

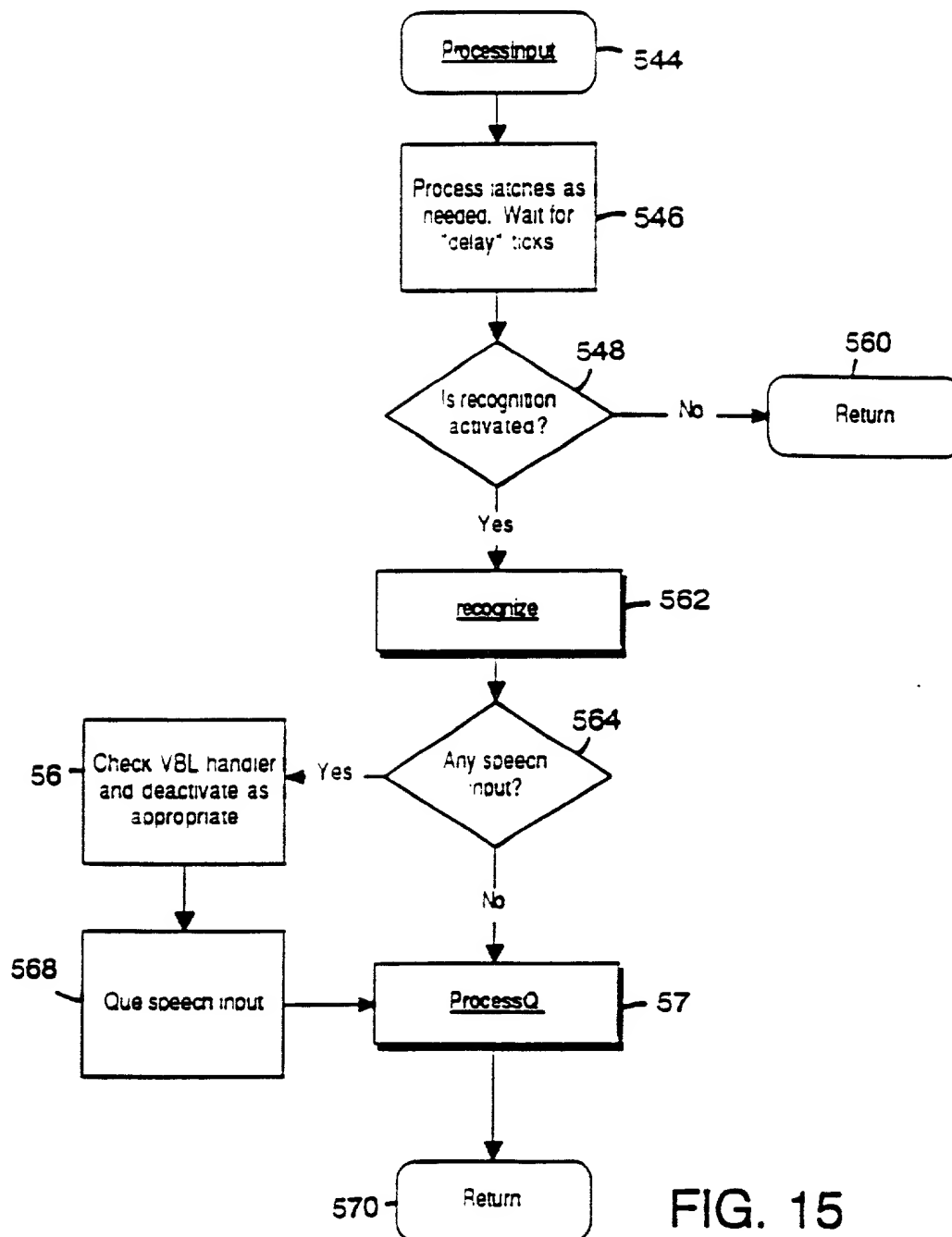


FIG. 15

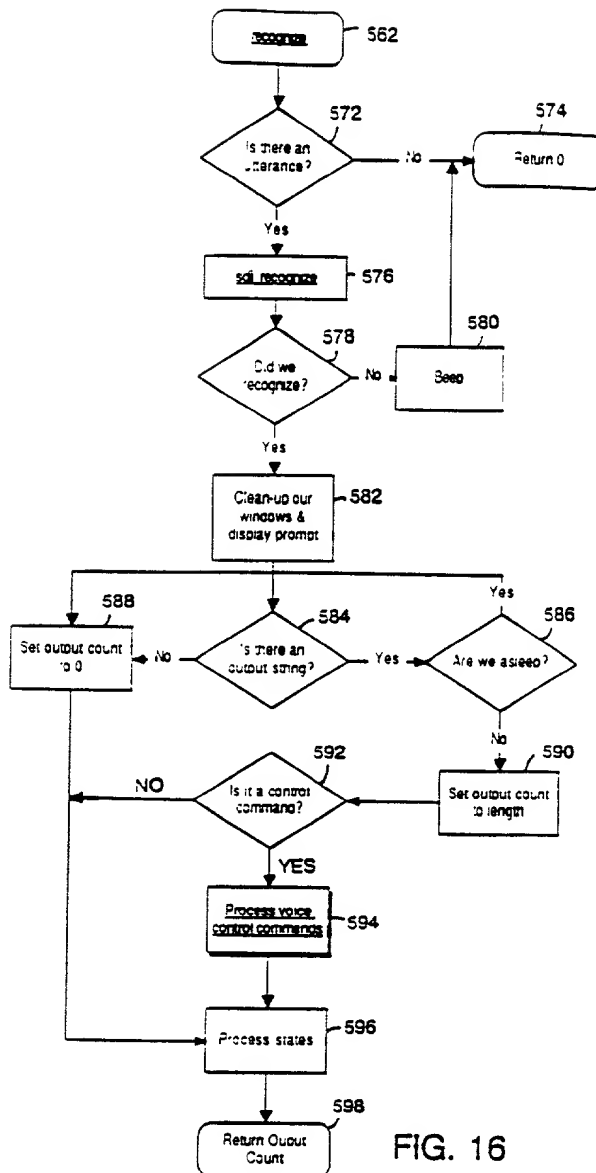


FIG. 16



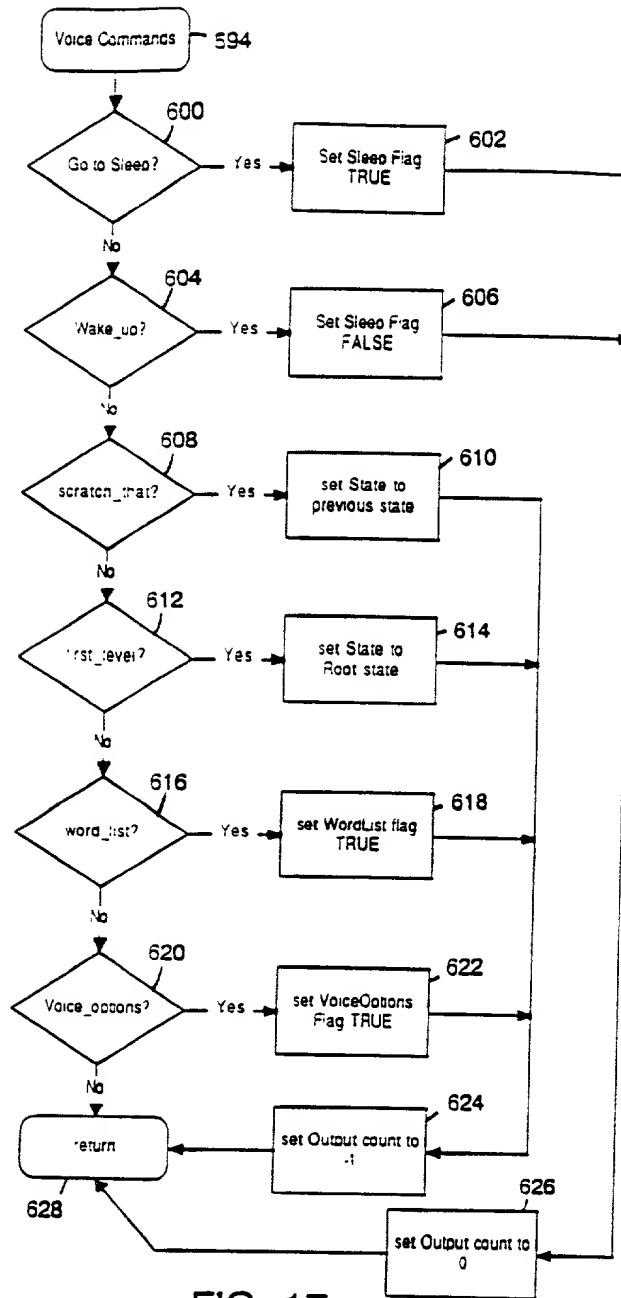


FIG. 17

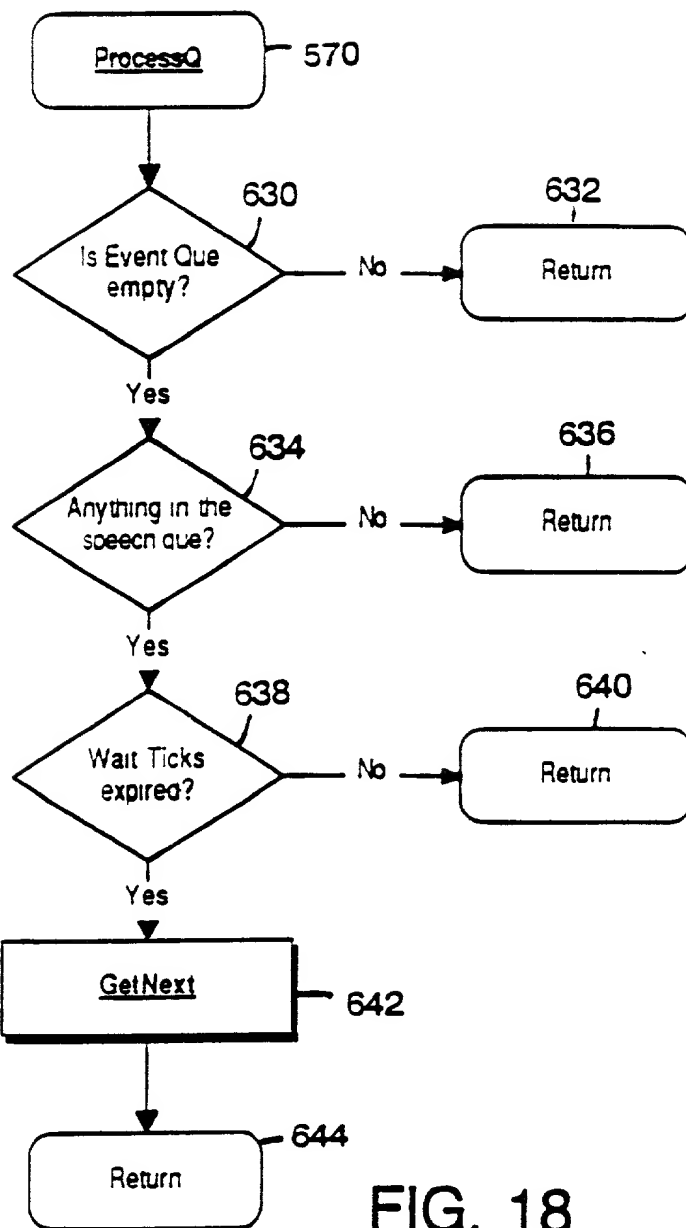


FIG. 18

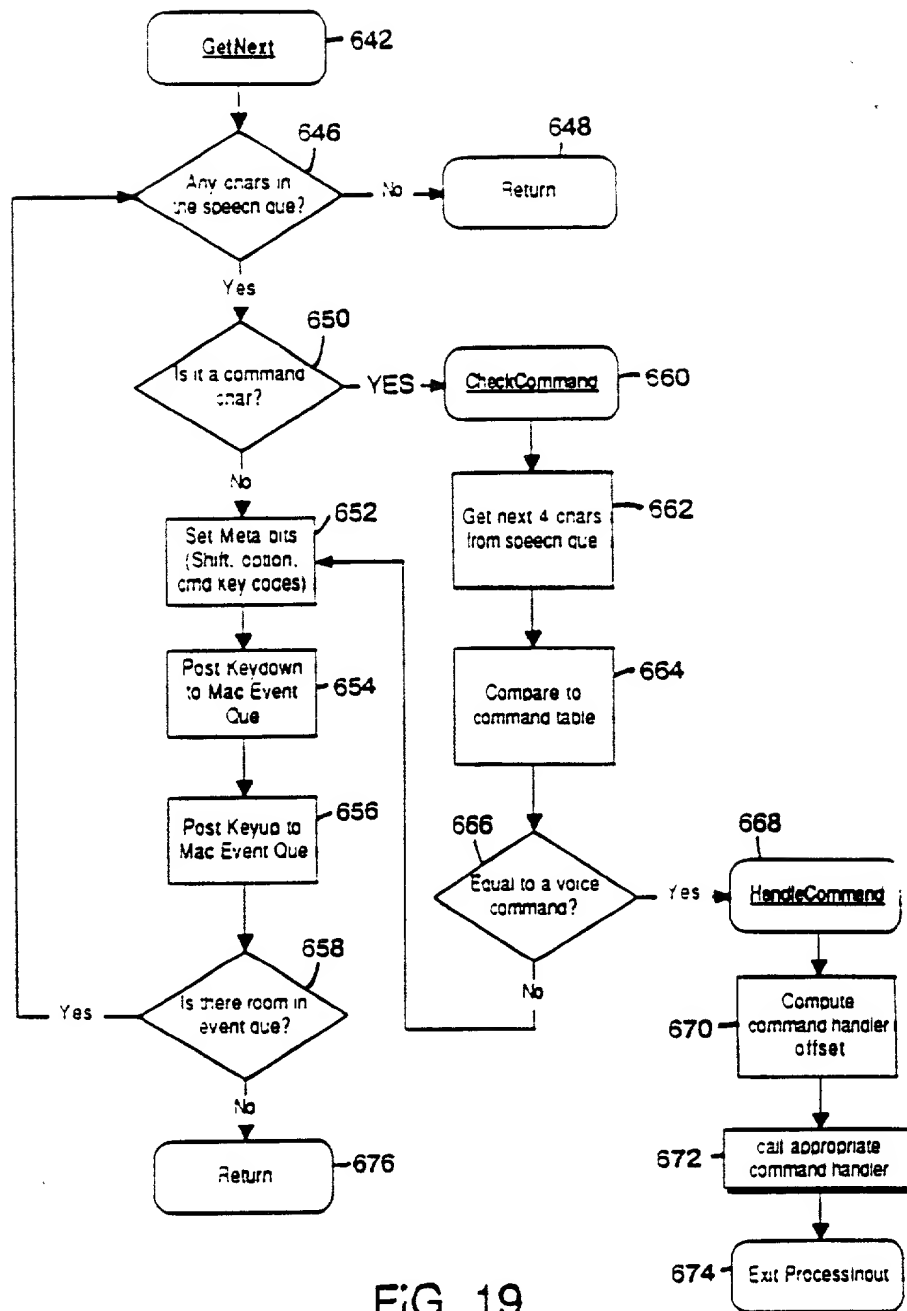
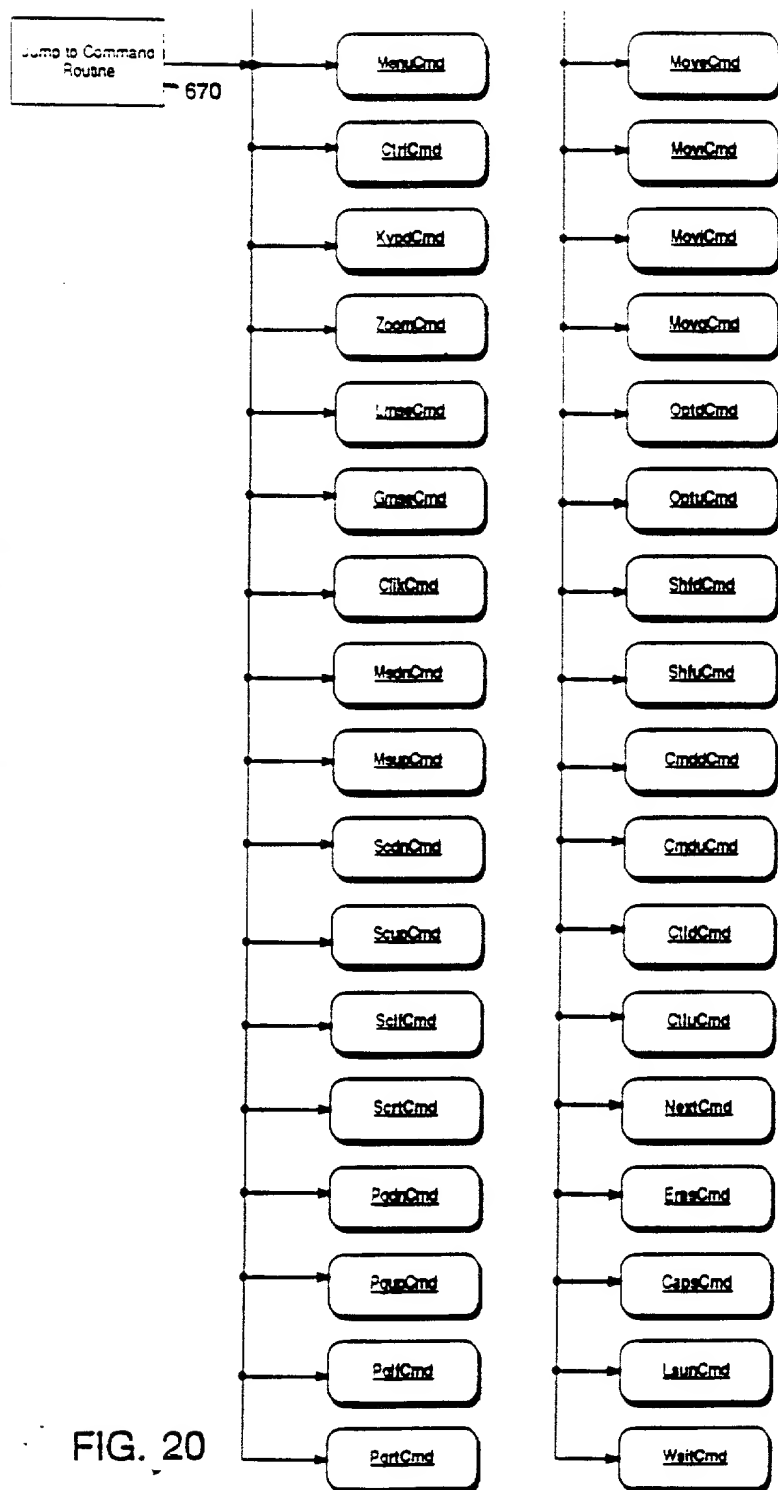


FIG. 19



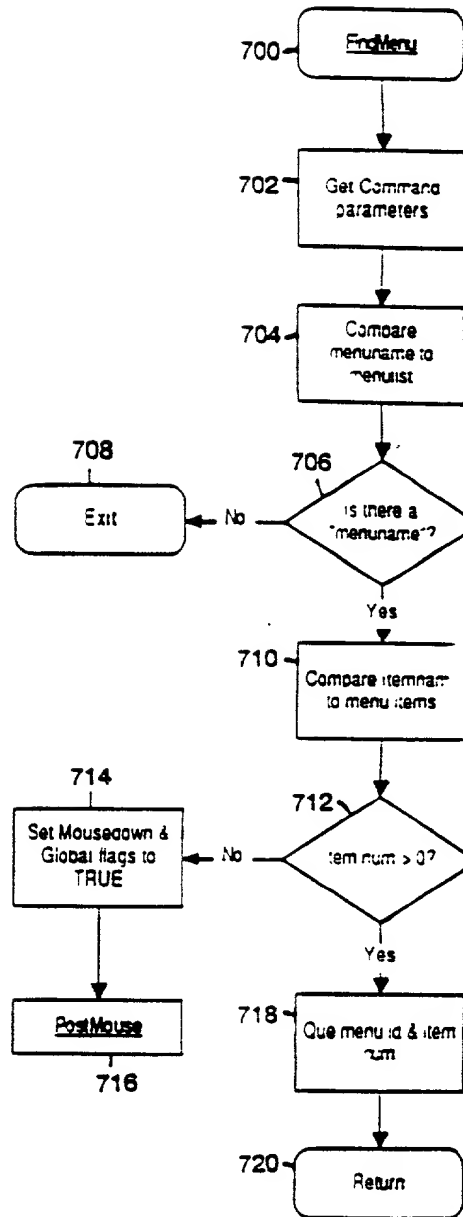
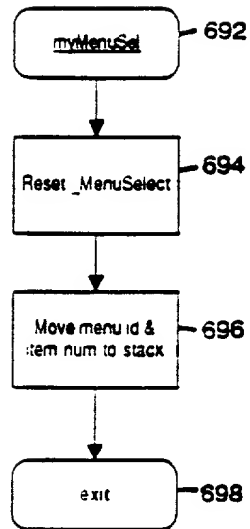
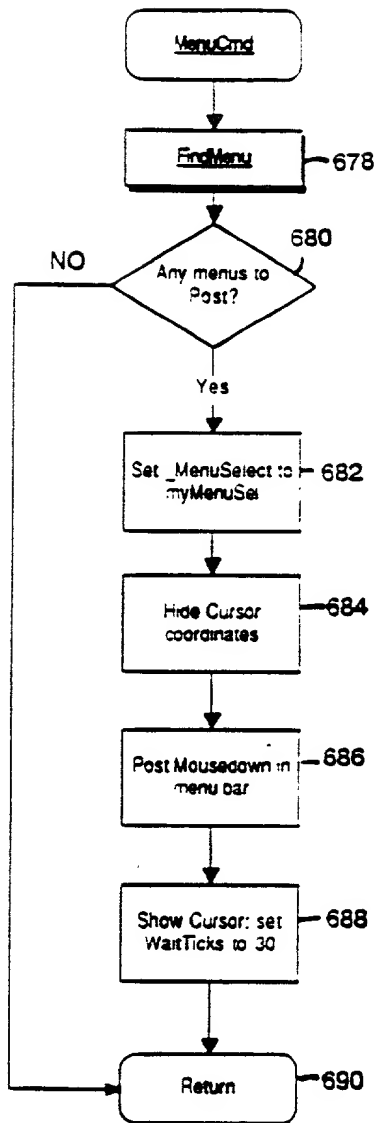


FIG. 21A

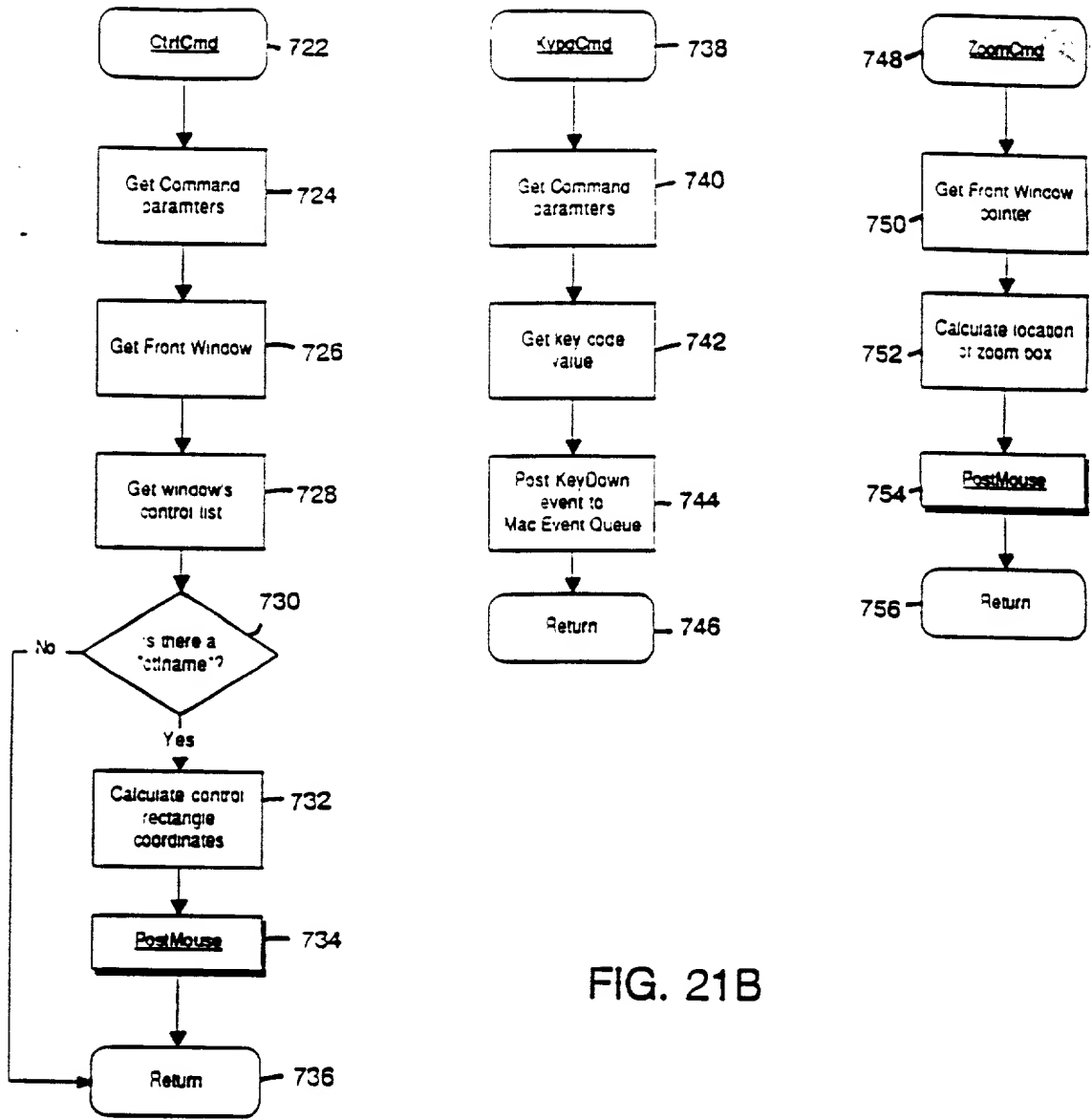


FIG. 21B

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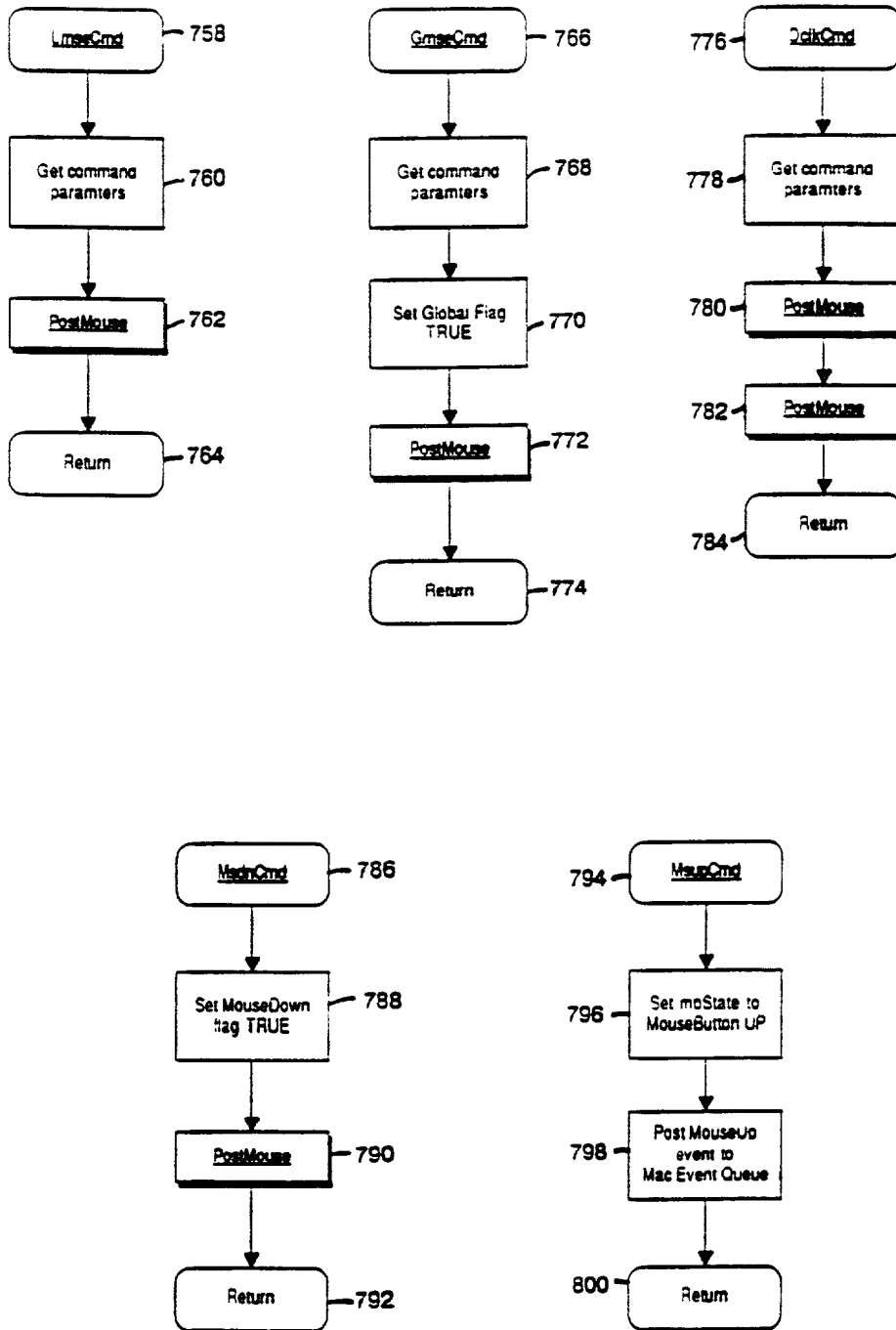


FIG. 21C

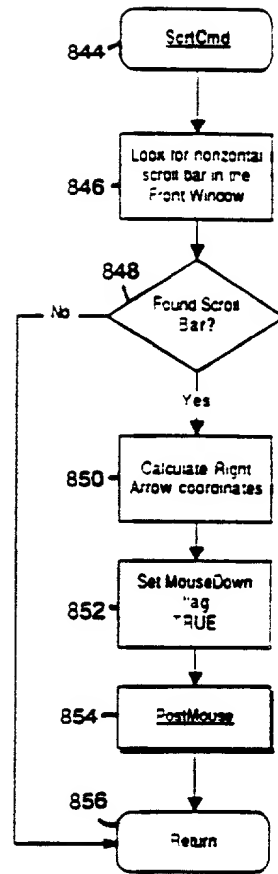
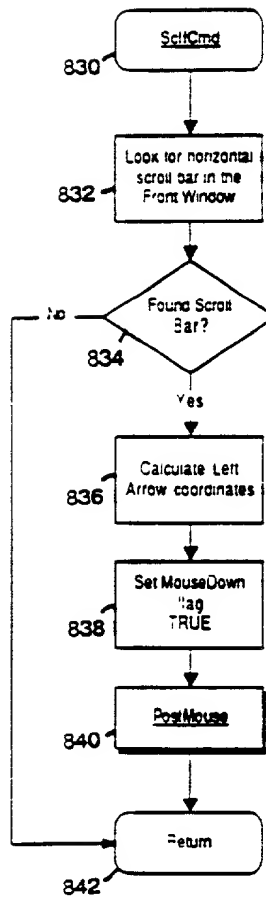
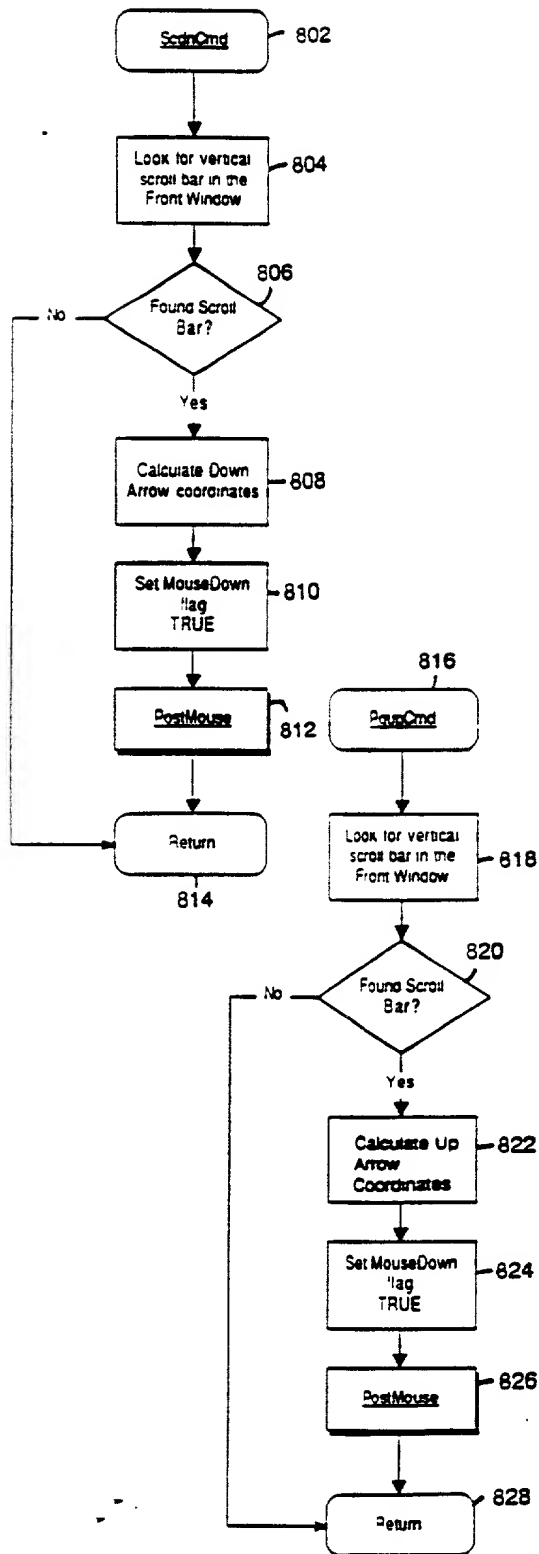


FIG. 21D



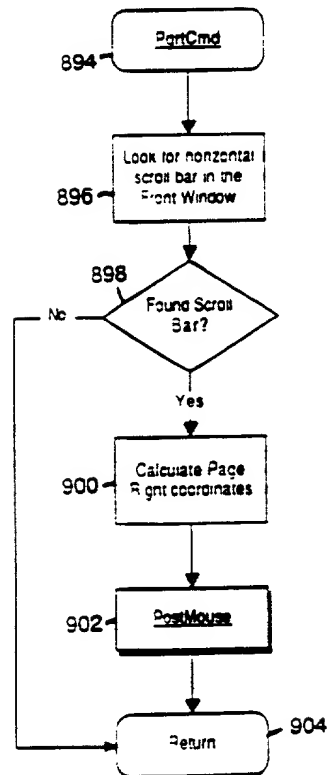
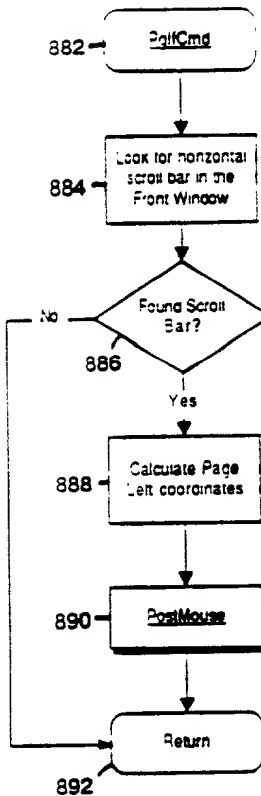
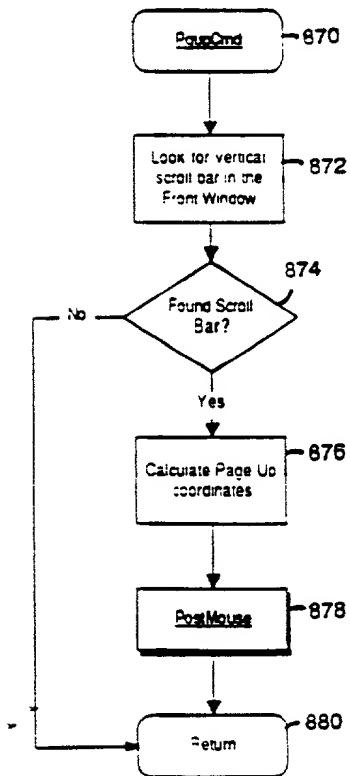
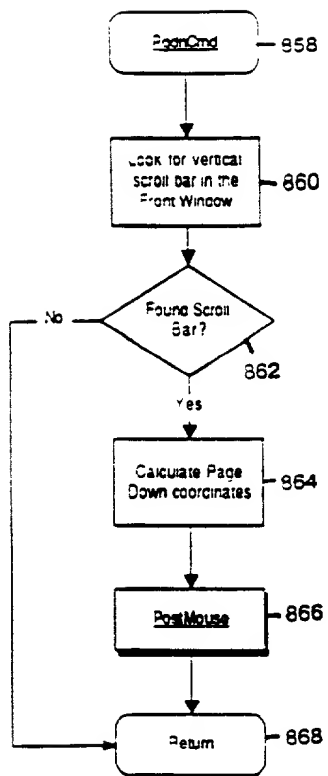


FIG. 21E

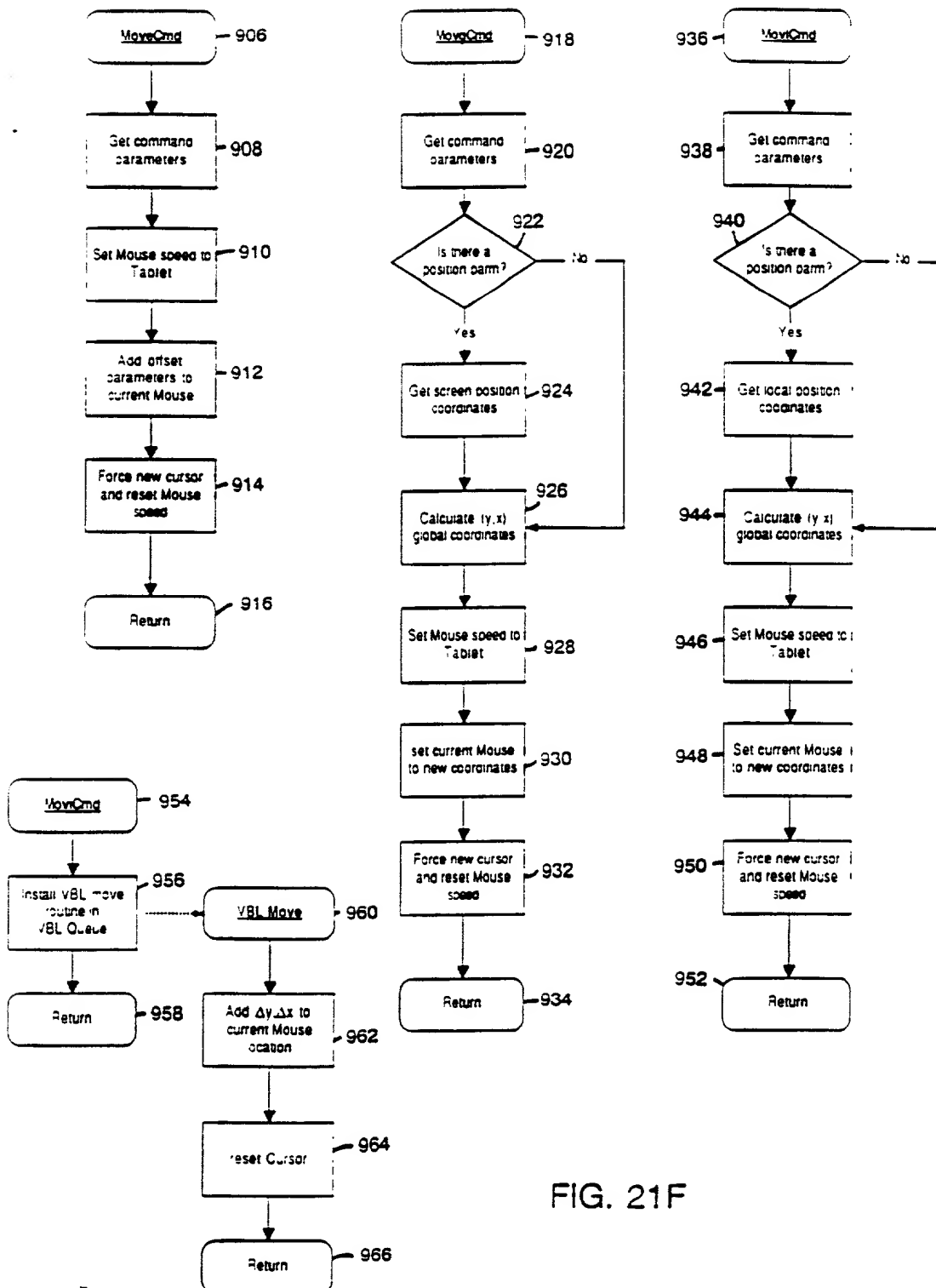
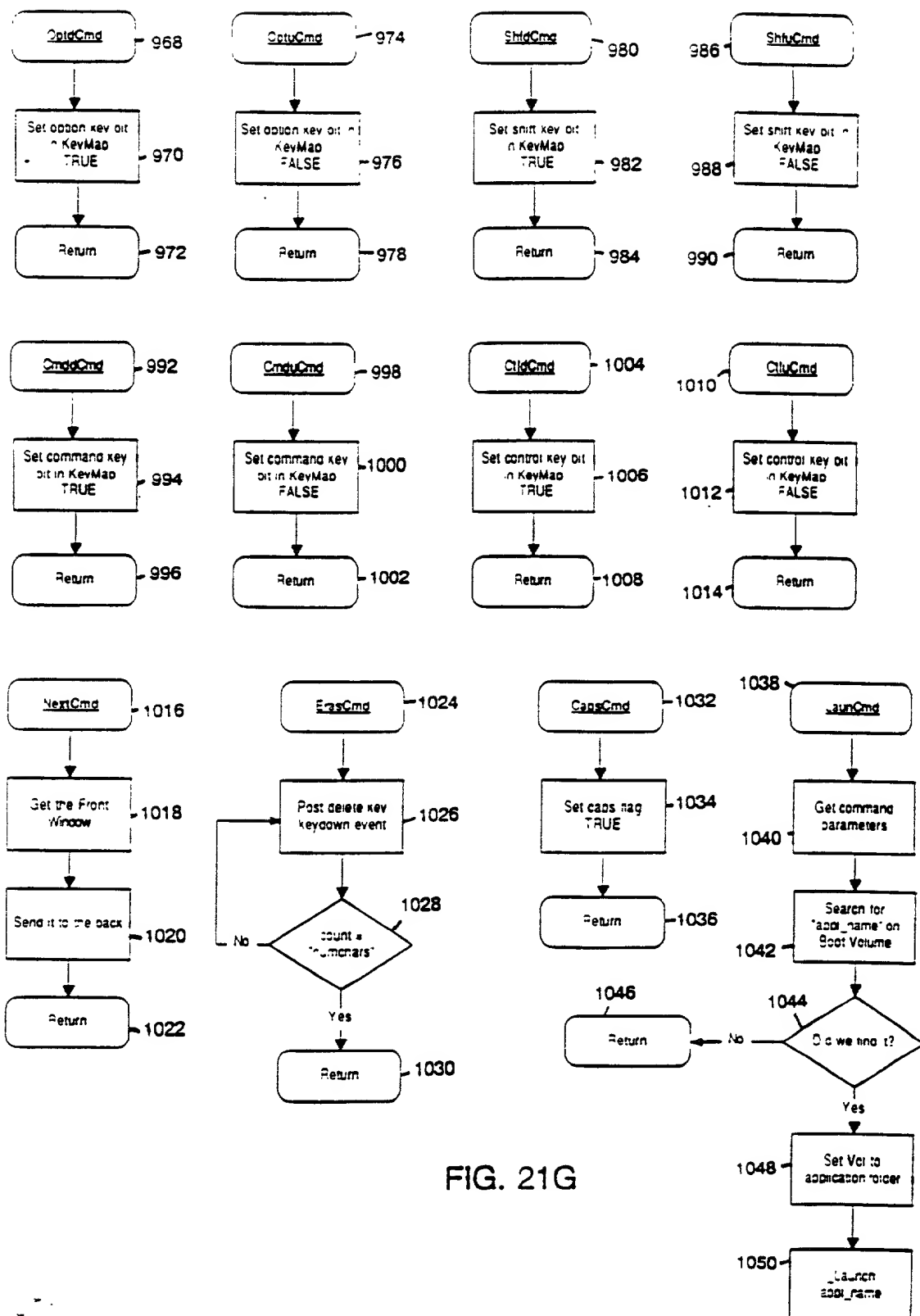


FIG. 21F



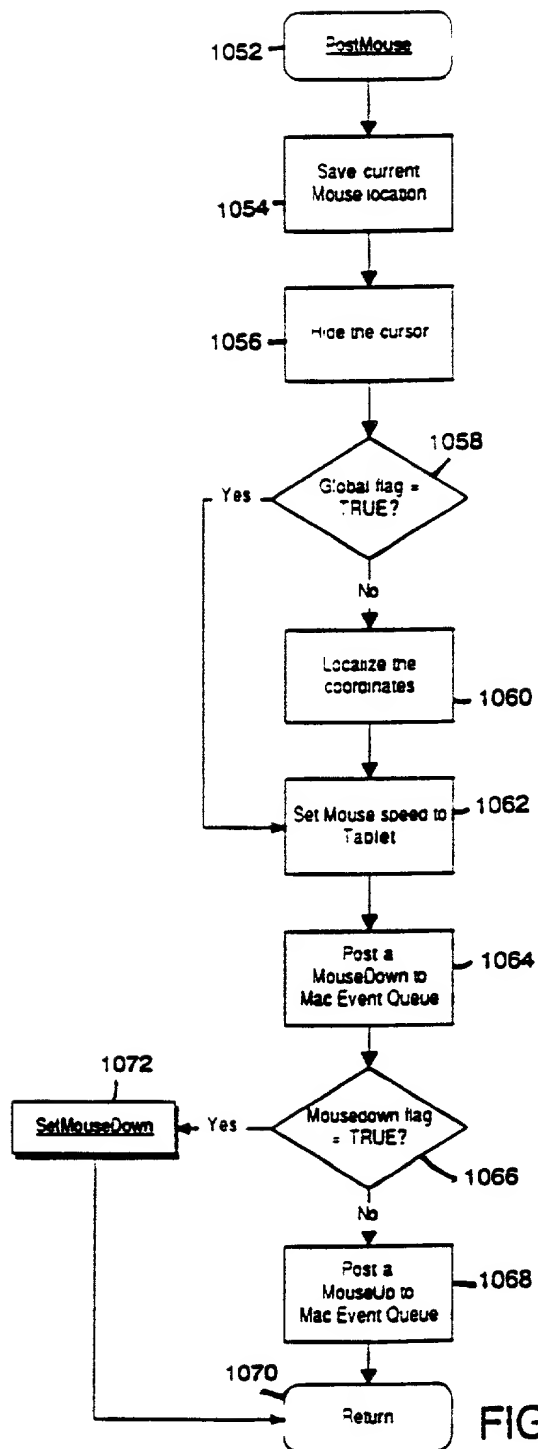


FIG. 22

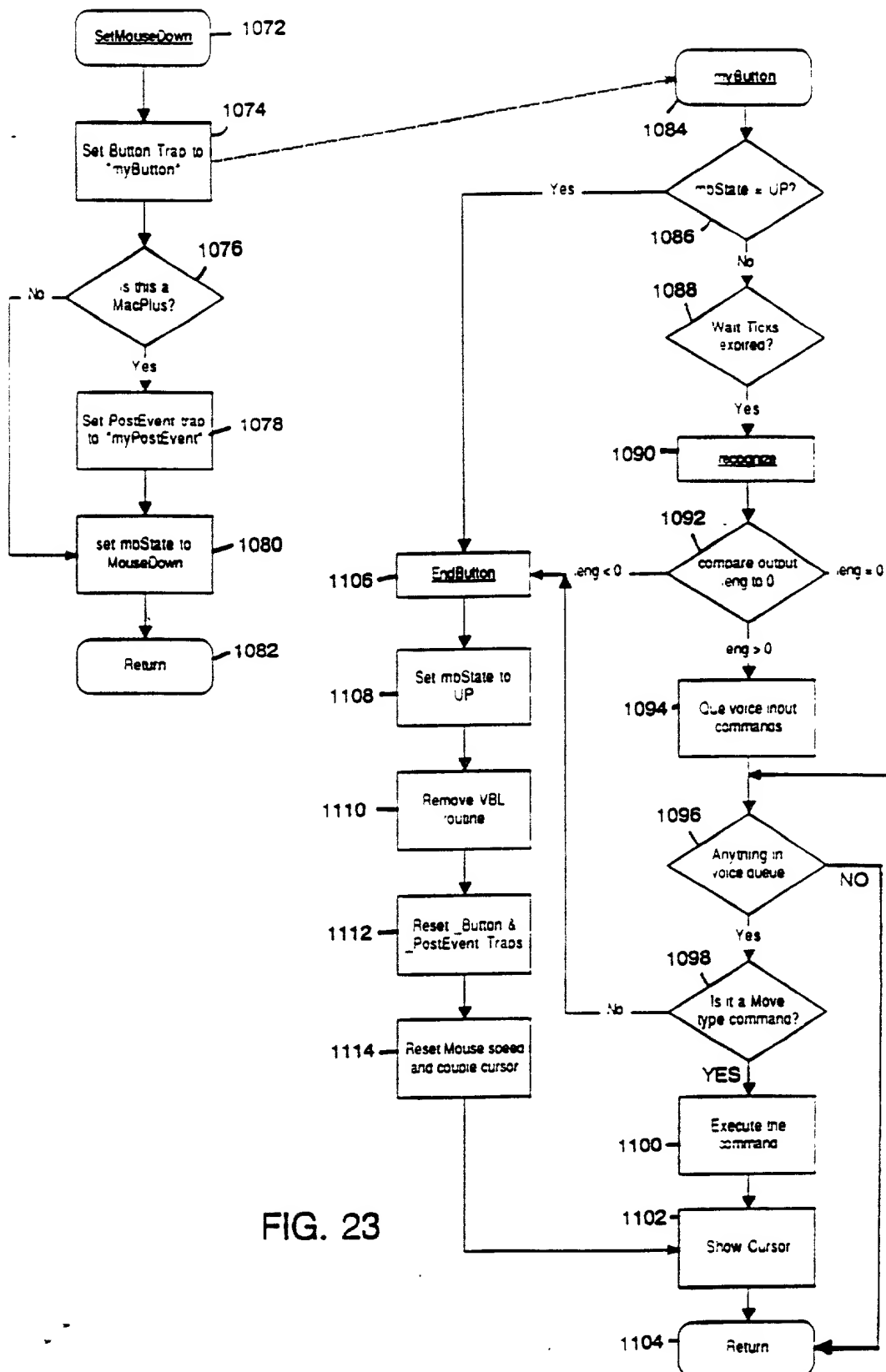


FIG. 23

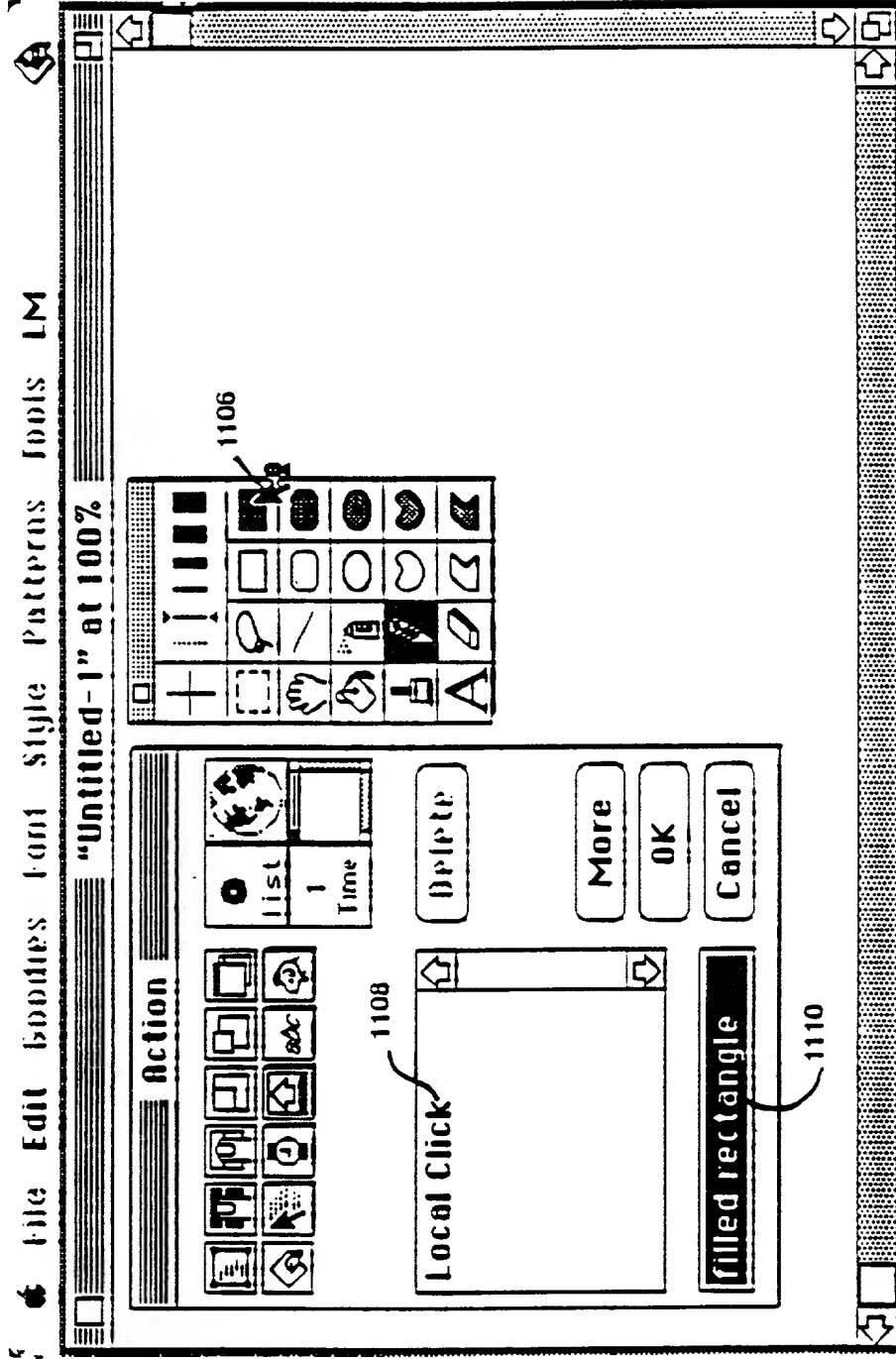
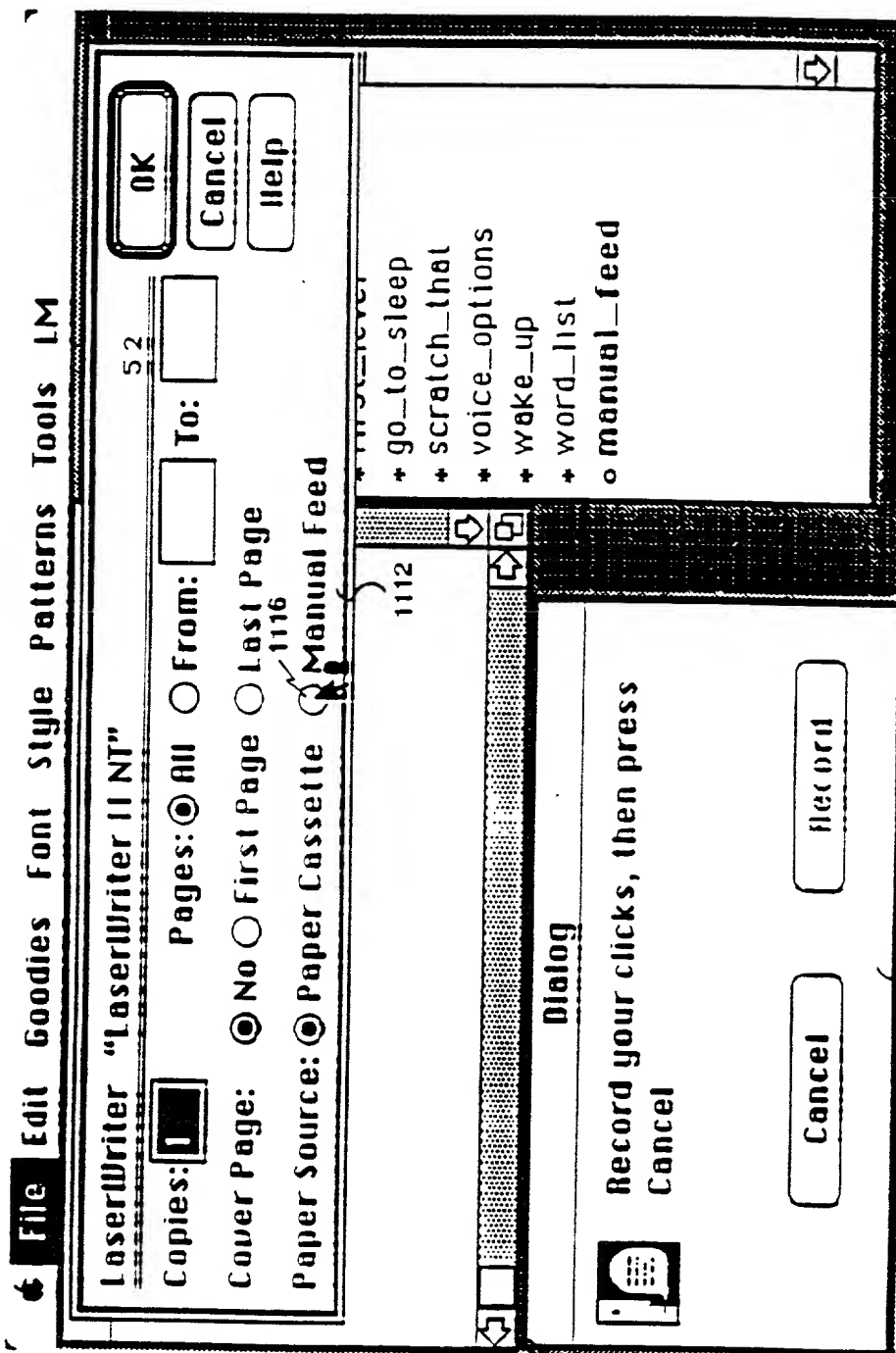


FIG. 24



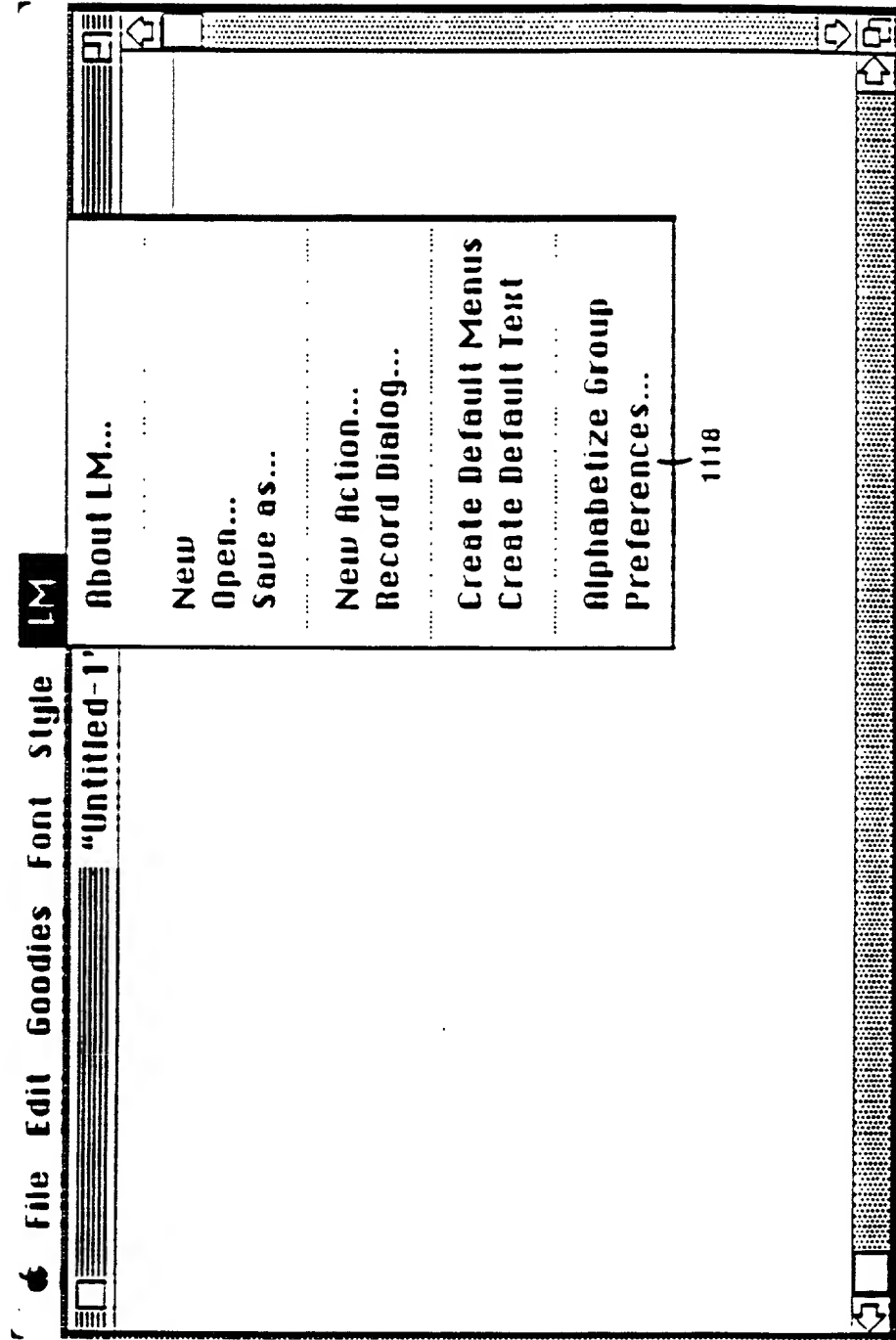


FIG. 26





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# File Edit View Special

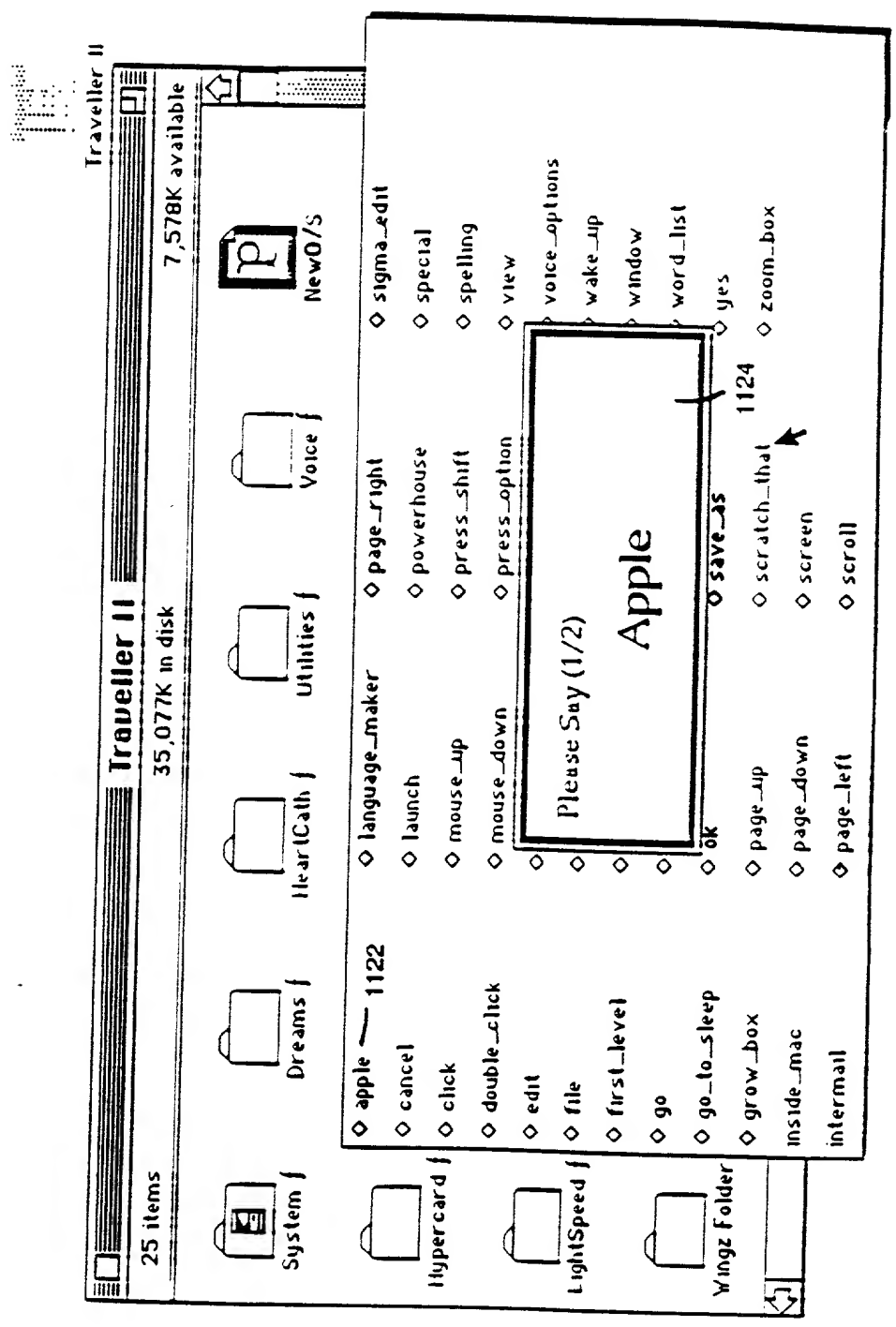


FIG. 28





DA Handler Language  
Wednesday, June 7, 1989 4:54 PM

```
/*  
DA Handler Language  
created on Wednesday, June 7, 1989  
*/
```

```
#root    _DA_HANDLER;  
  
_NEW = new ( symbol, drawing );  
  
_FILE = file ( _NEW, open );  
  
_EDIT = edit ( cut, copy, paste );  
  
_DA_HANDLER = ( _FILE, _EDIT );  
  
file;  
new;  
symbol;  
drawing;  
open;  
edit;  
cut;  
copy;  
paste;
```

FIG. 30

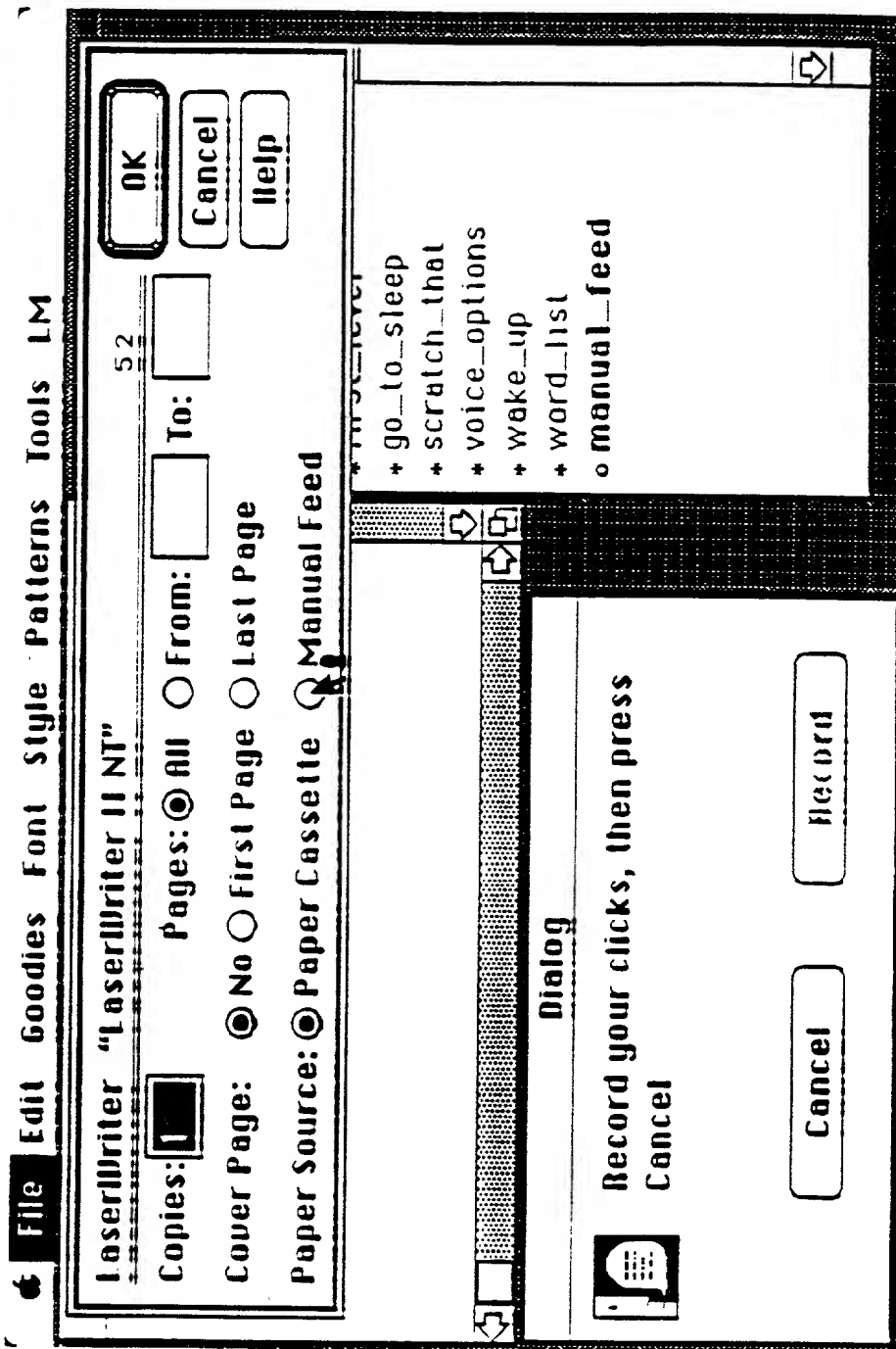


FIG. 31

## The Voice Navigator with a Mac SE or Mac Plus

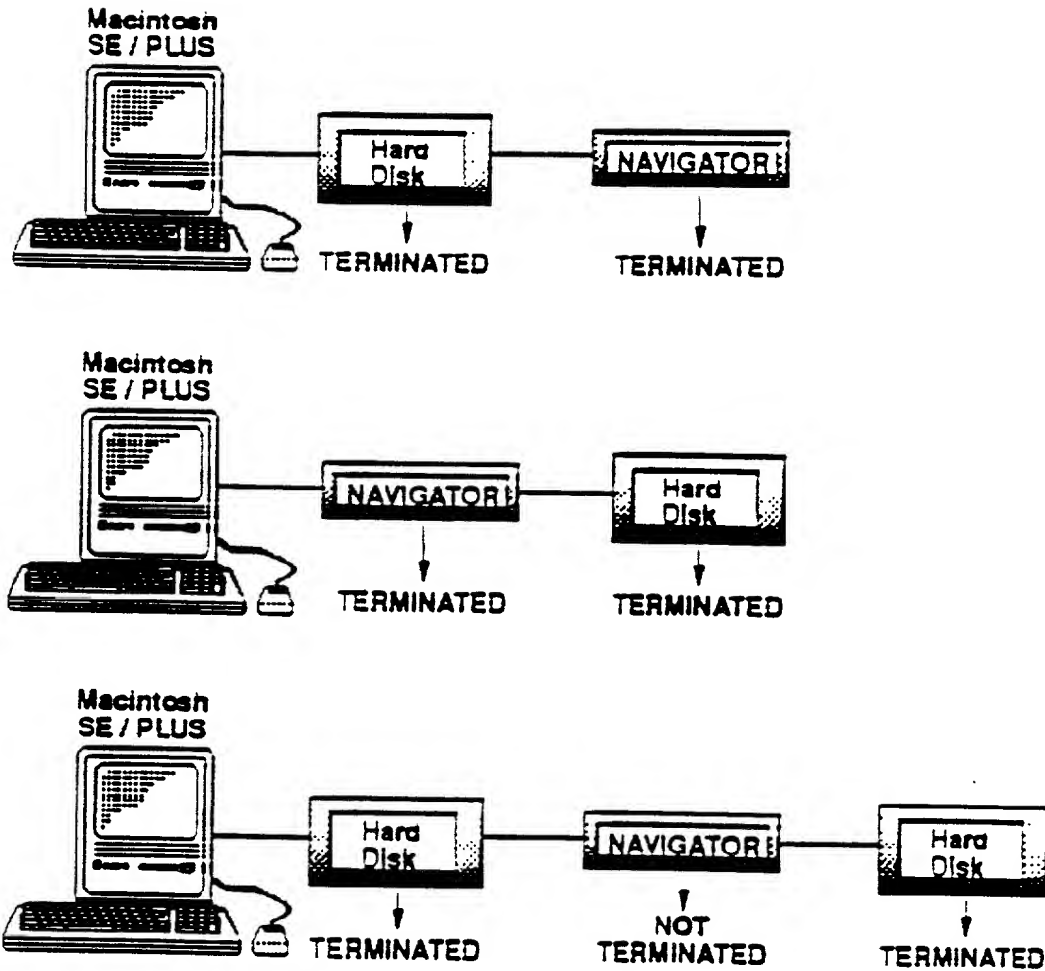


FIGURE 32

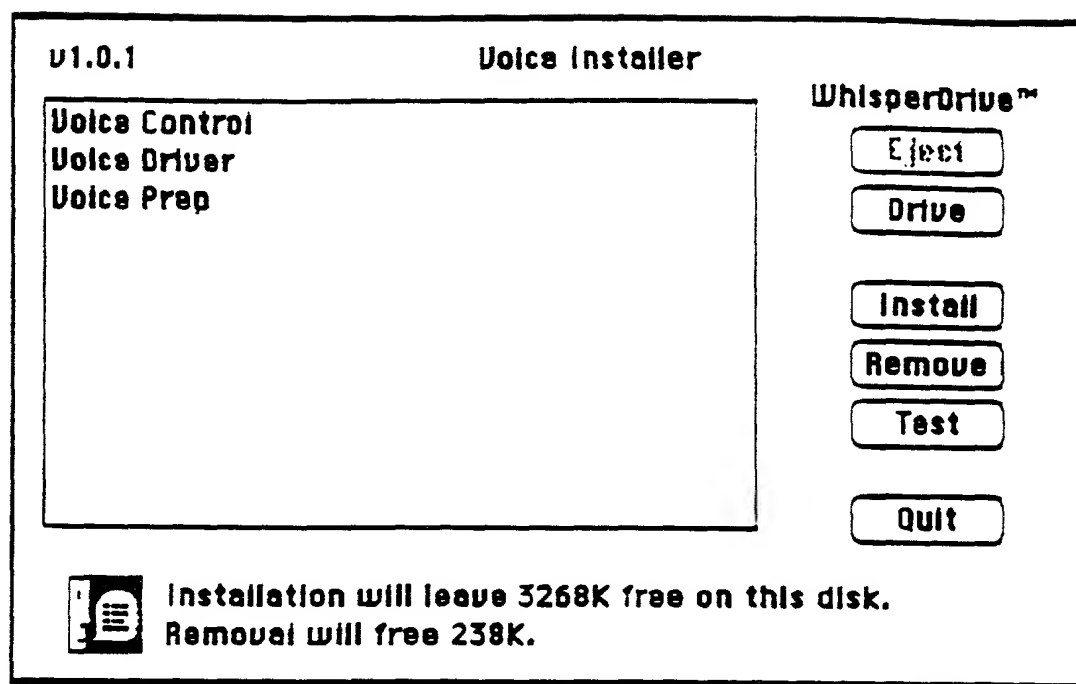


FIGURE 33

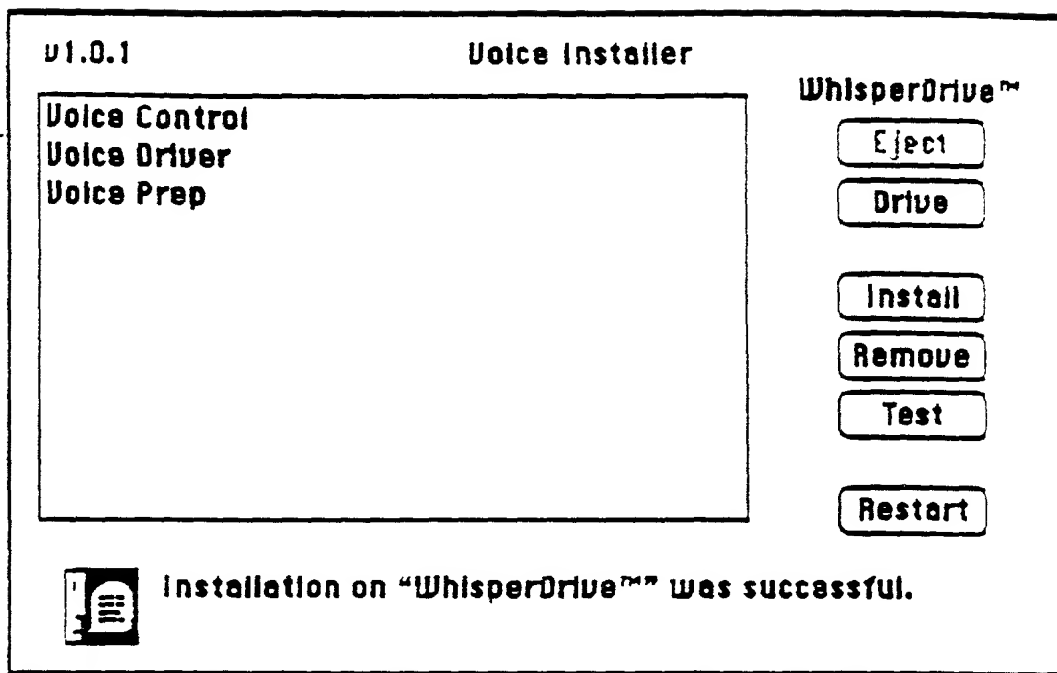


FIGURE 34



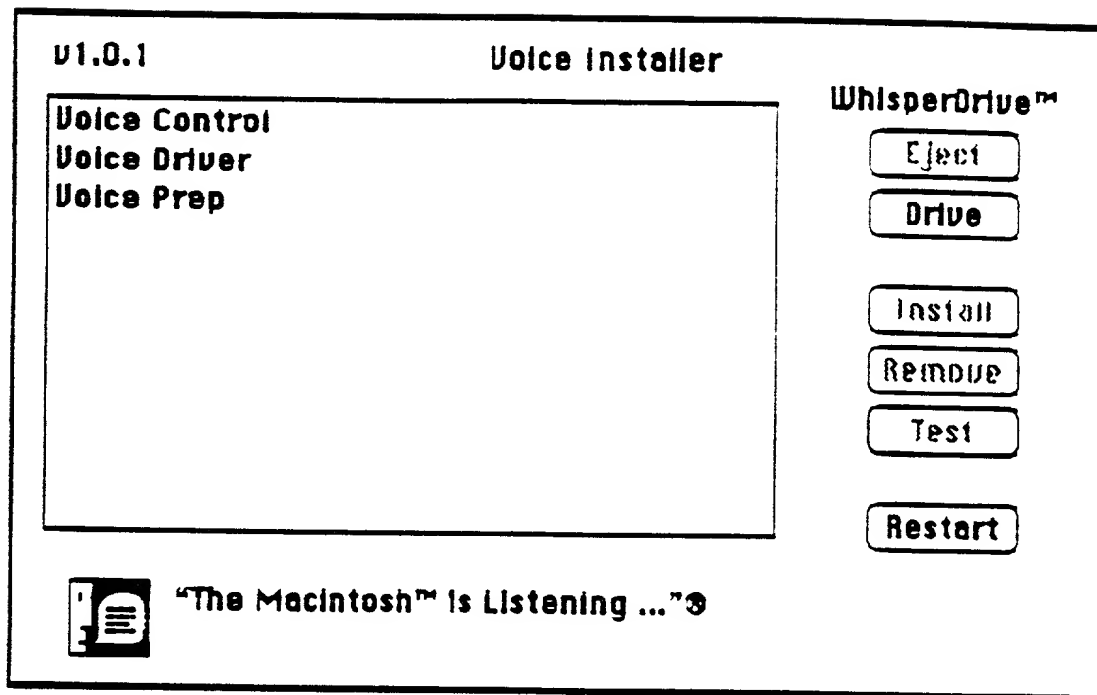


FIGURE 35

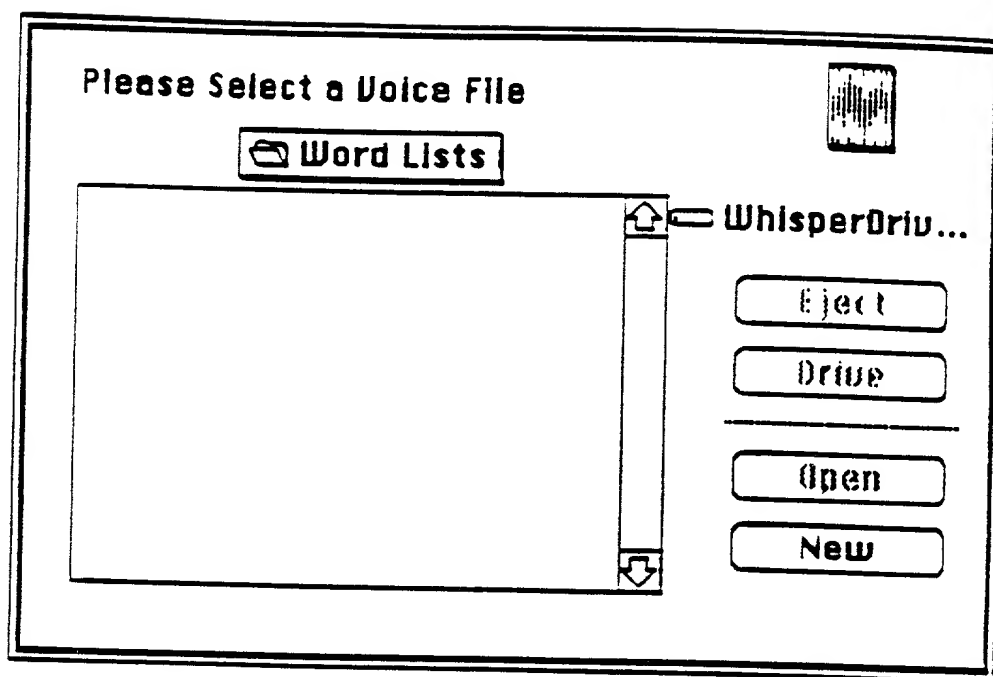


FIGURE 36

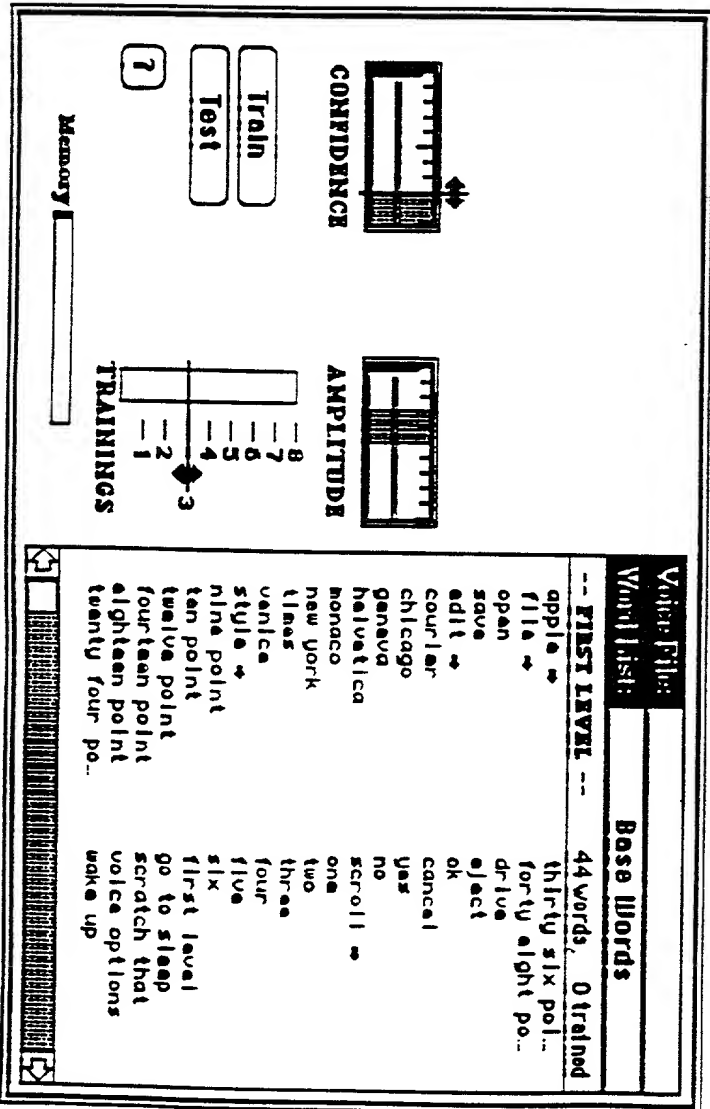


FIGURE 37

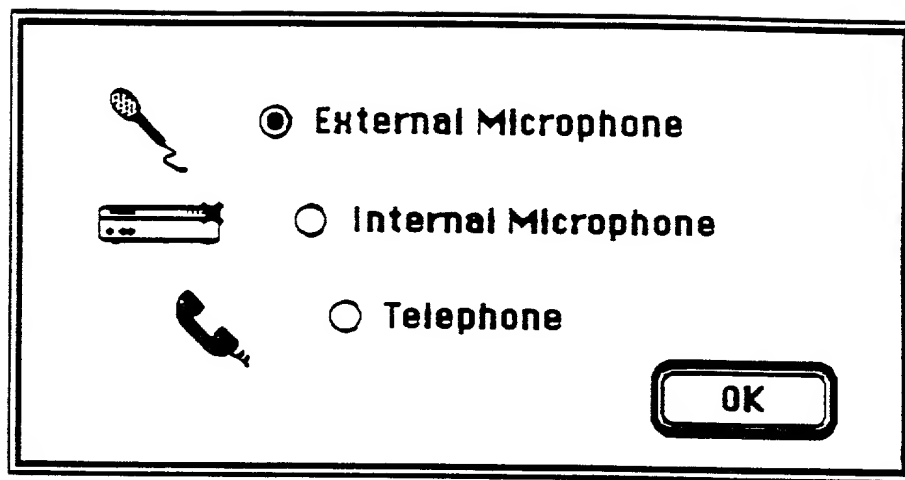


FIGURE 38

# File Edit Options

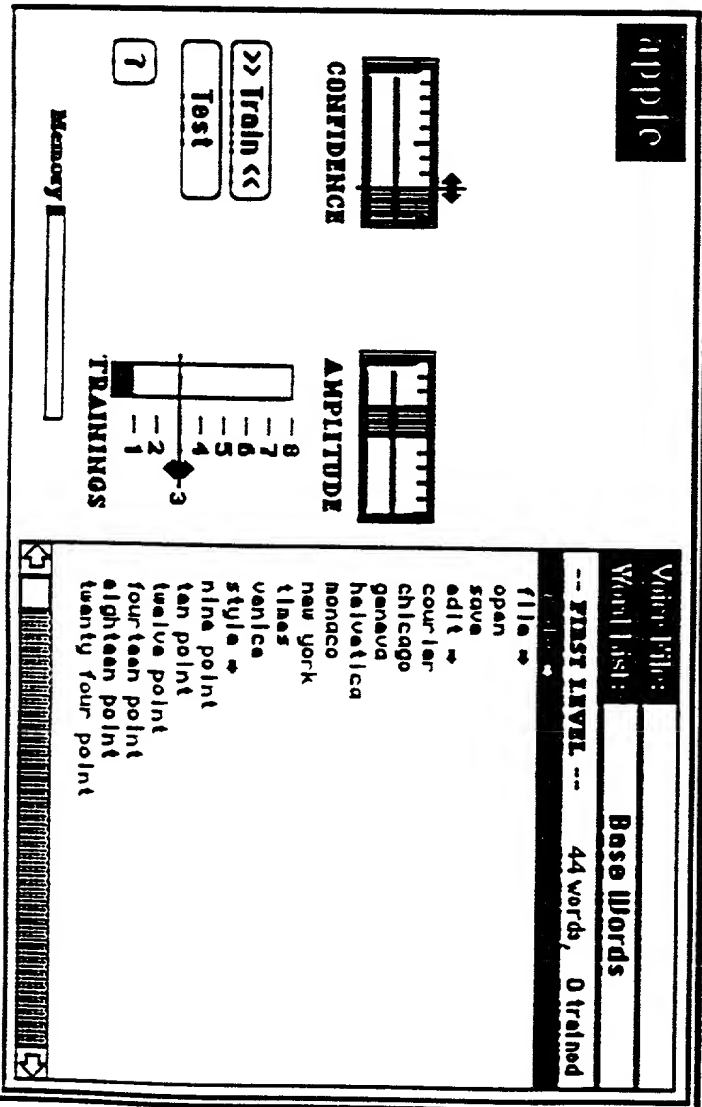


FIGURE 39

## File Edit Options

<b>open</b>	
<b>CONFIDENCE</b>	<b>AMPLITUDE</b>
>> Train <<	
Test	
?	
<b>TRAININGS</b>	
Memory	
<b>Vocabulary File:</b> <b>Word List:</b> <b>Base Words</b> -- FIRST LEVEL --      44 words, 1 trained * apply → file → / save edit → / courlar / chicago / geneva / helsinki moraco new york times verice style → nine point ten point twelve point fourteen point eighteen point twenty four point	

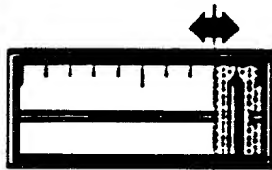
## FIGURE 40

new

CLOSE CALLS

no

zoom



CONFIDENCE



AMPLITUDE

FIGURE 41

FinderWord List

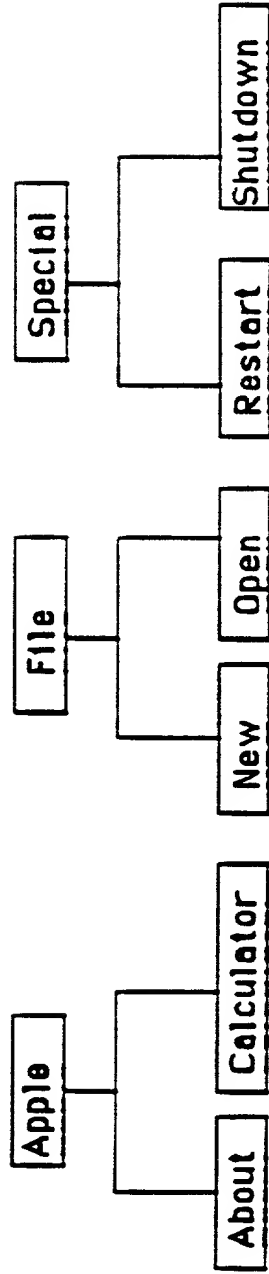
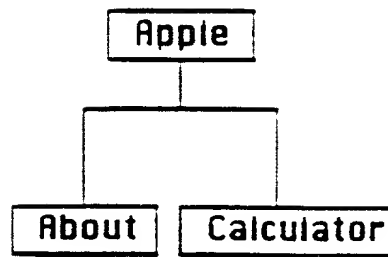


FIGURE 42

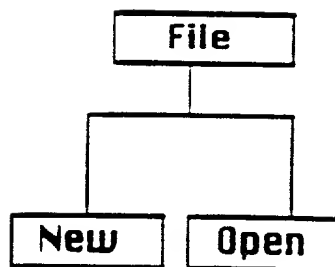




First Level

Next Level

FIGURE 43



First Level

Next Level

FIGURE 44



Voice File:	
Word List:	Base Words
file	14 words, 6 trained
new open close save save as page setup print quit ♦ first level ♦ go to sleep ♦ scratch that ♦ voice options ♦ wake up ♦ word list	

FIGURE 46



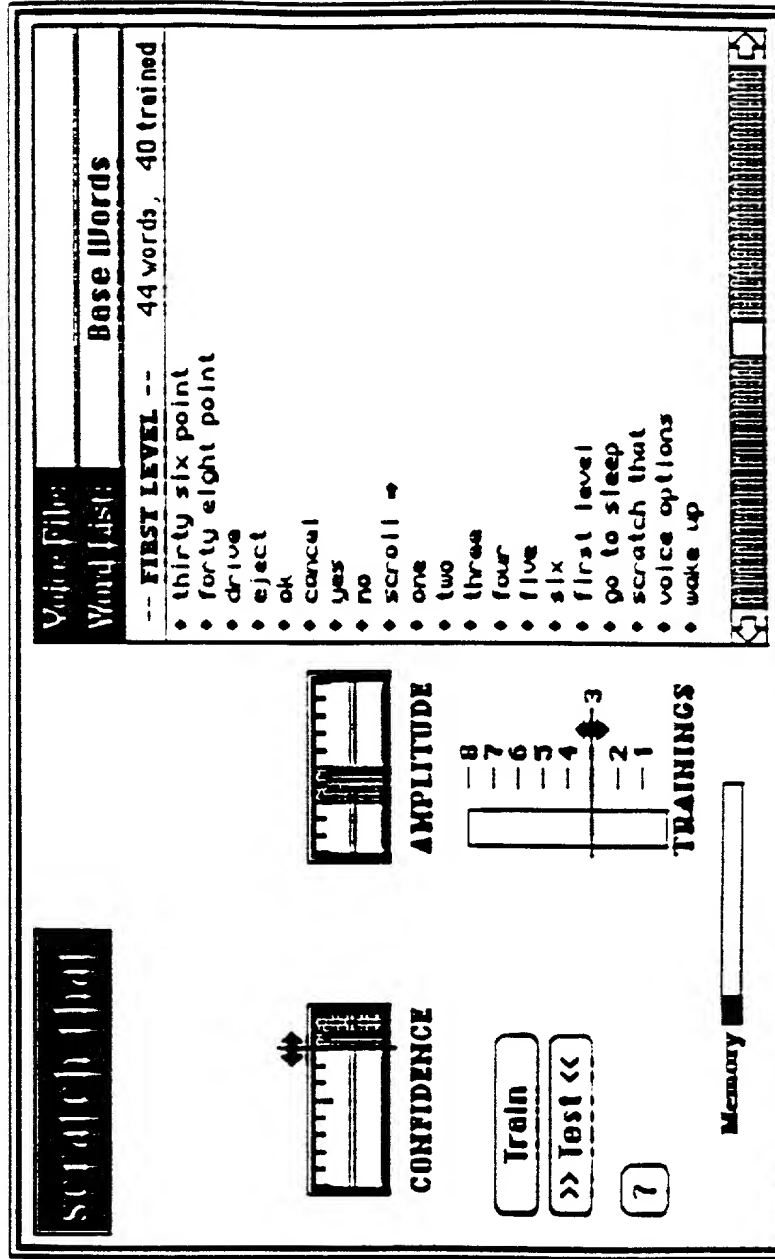


FIGURE 40

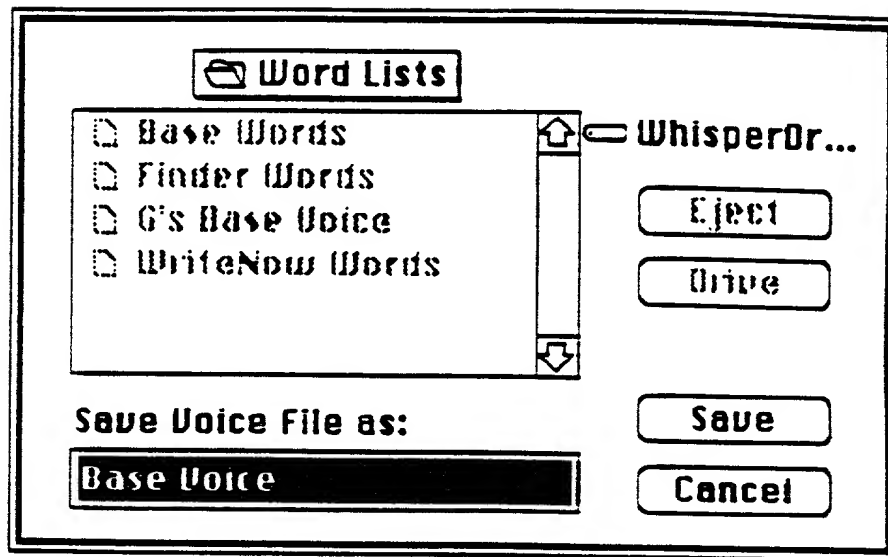


FIGURE 49

44 words, 40 trained  
first level --  
thirty six point  
forty eight point

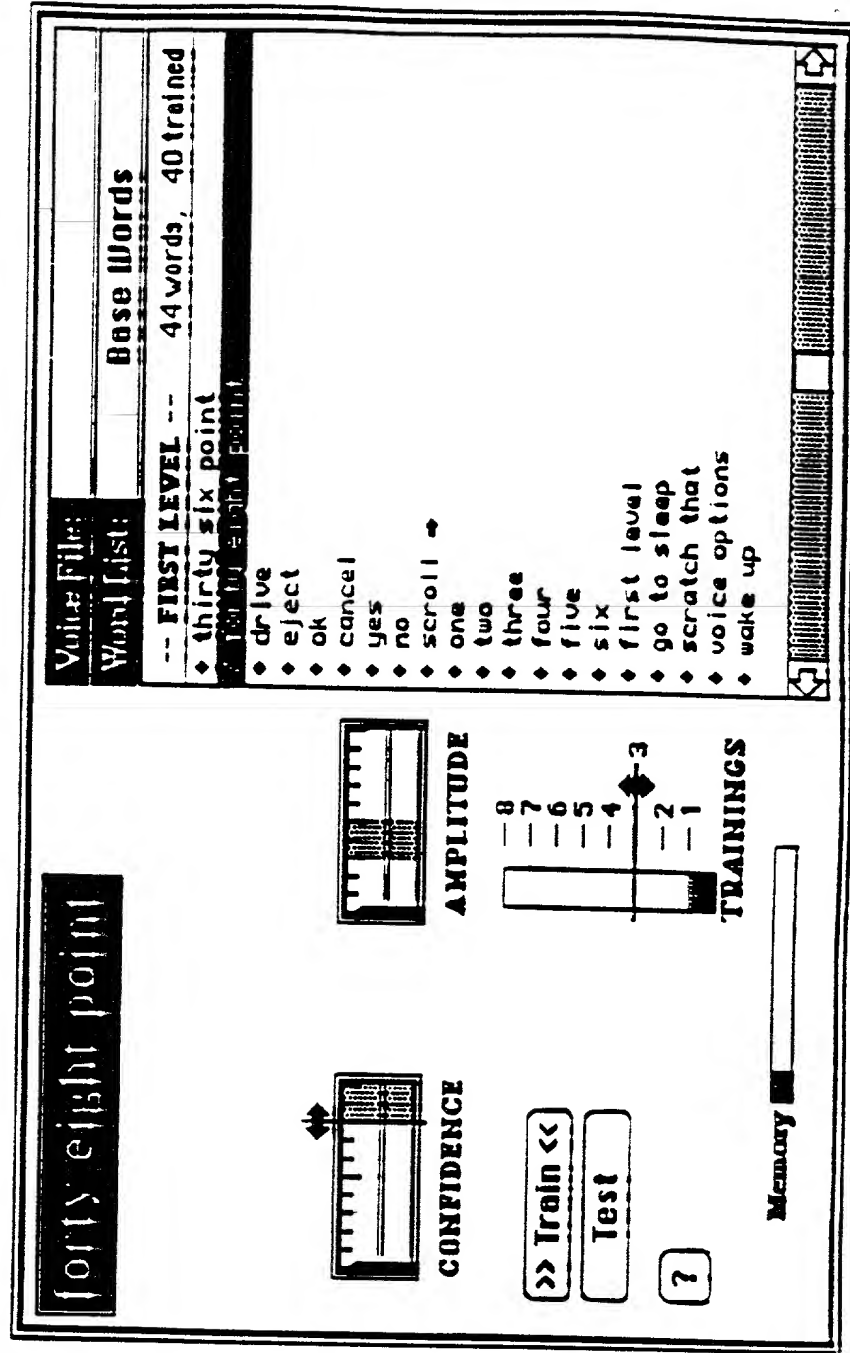


FIGURE 50

upper case, lower case, numbers, punctuation, and special characters. The list is scrollable.

File Edit Options

CONFIDENCE

AMPLITUDE

Train

Test

?

Memory

Voice File: G's Base Voice

Word List: Finder Words

-- FIRST LEVEL -- 37 words, 21 trained

- ok
- cancel
- yes
- no
- page down
- page left
- page right
- page up
- double click
- click
- zoom
- grow box
- mousedown
- mouseup
- close window
- next window
- shiftkey down
- shiftkey up
- window
- screen

FIGURE 51



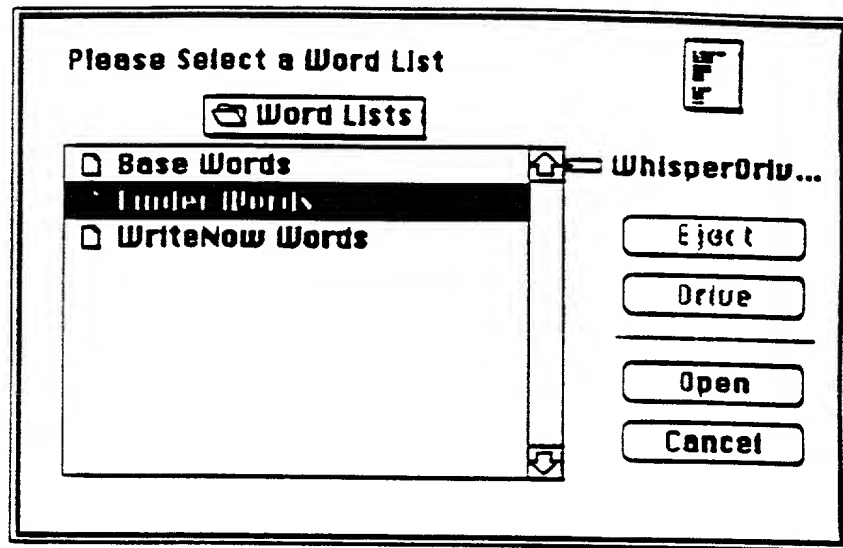


FIGURE 52

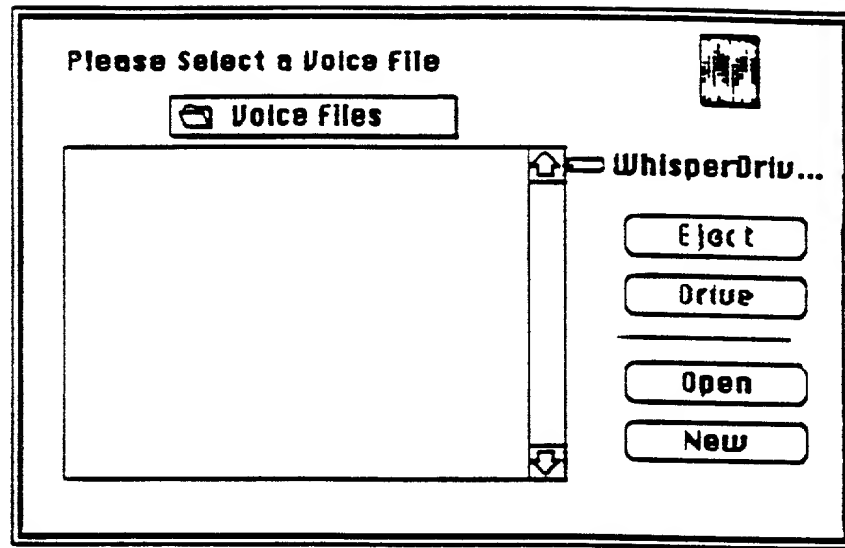


FIGURE 53



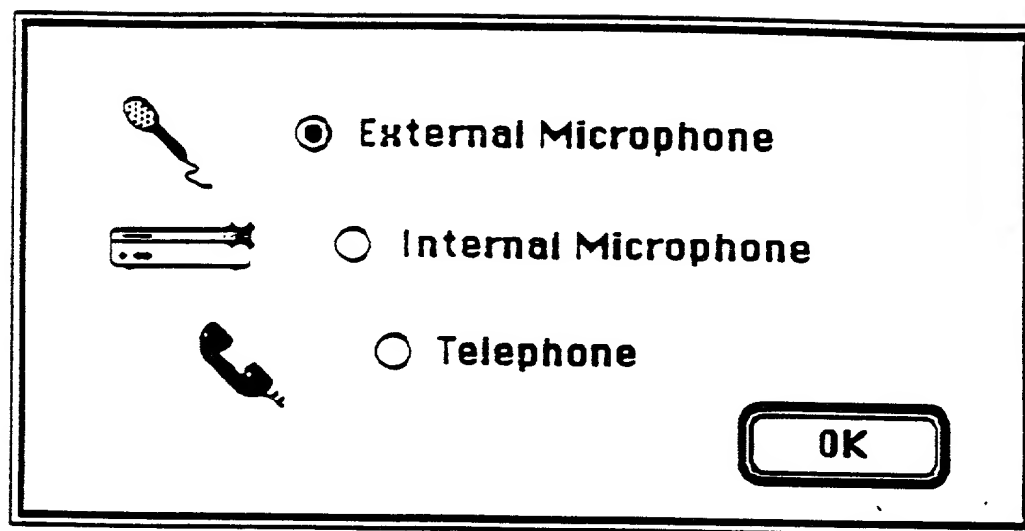
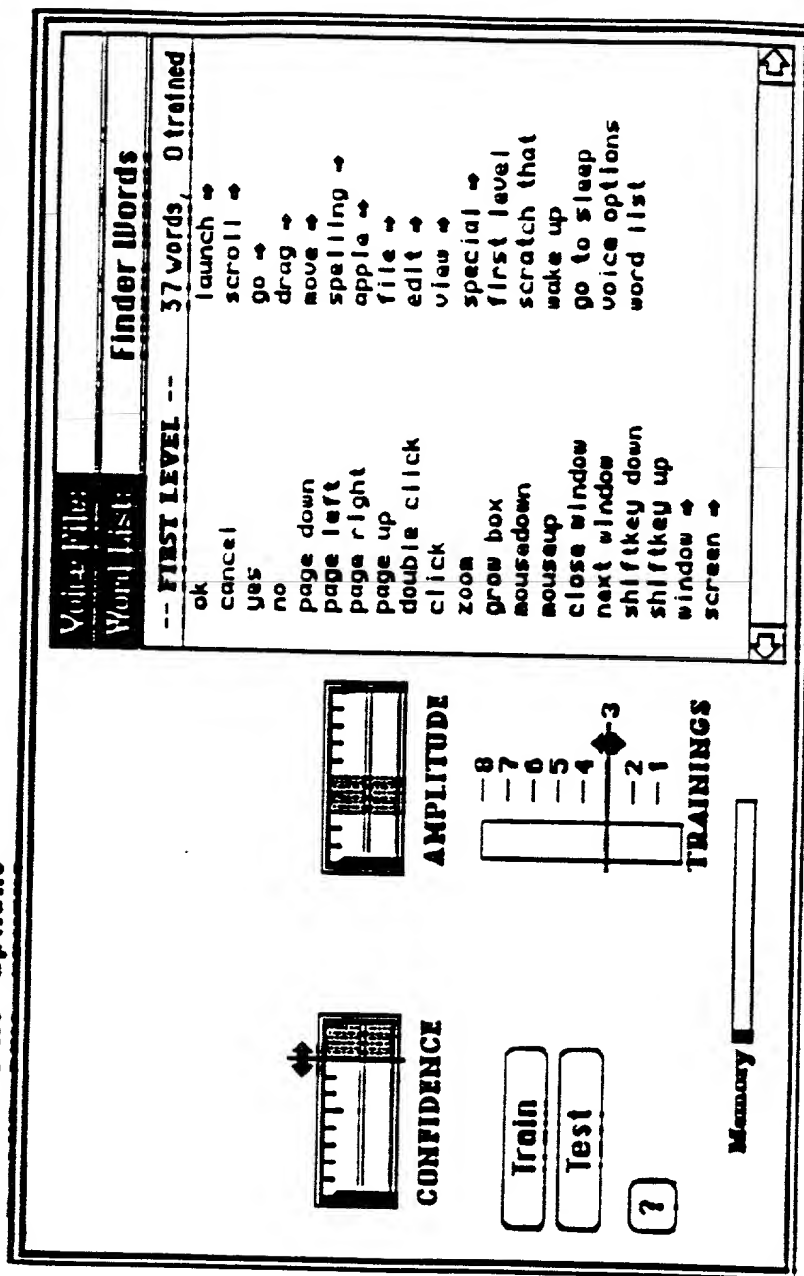


FIGURE 55

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---



## FIGURE 56

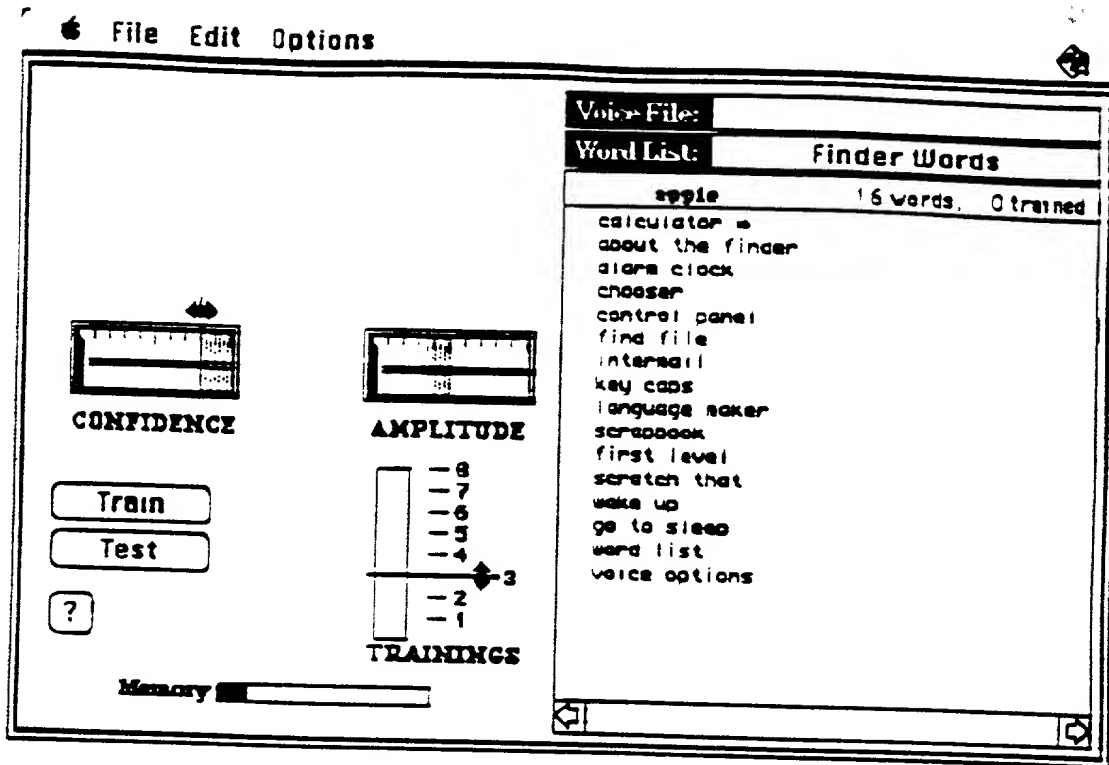


FIGURE 57

Click in this top  
section to move up  
a level

Word List:	Finder Words
apple	16 words, 0 trained
calculator =	
about the finder	
alarm clock	
chooser	
control panel	
find file	
internall	
key caps	
language editor	
scrabbook	
first level	
scratch that	
wake up	
go to sleep	
word list	
voice options	

FIGURE 58

Word List	Finder Words
-- FIRST LEVEL --	37 words, 0 trained
ok	launch ➡
cancel	scroll ➡
yes	go ➡
no	drag ➡

FIGURE 59



[illegible]

## FIGURE 60

## FIGURE 60

scroll ➤  
 go ➤  
 move ➤  
 spelling ➤  
 apple ➤  
 file ➤  
 edit ➤  
 view ➤  
 special ➤  
 first level

FIGURE 61

Click in this top  
 section to move up  
 a level

Word List:	Finder Words
apple	16 words, 0 trained
calculator ➤	
about the finder	
alarm clock	

FIGURE 62

<b>Voice File:</b>	G's Finder Voice
<b>Word List:</b>	Finder Words
<b>-- FIRST LEVEL --</b>	
37 words, 4 trained	
• ok	• launch ➡
• cancel	• scroll ➡

FIGURE 64

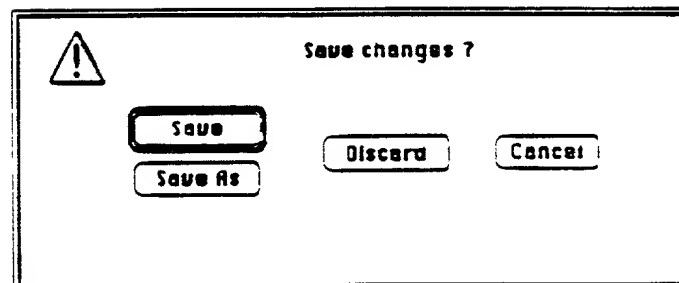


FIGURE 63

Word List + Voice File



Say a Word From the  
Word List

Voice Control



VOICE RECOGNITION

FIGURE 65

🍏 File Edit View Special

FIGURE 66

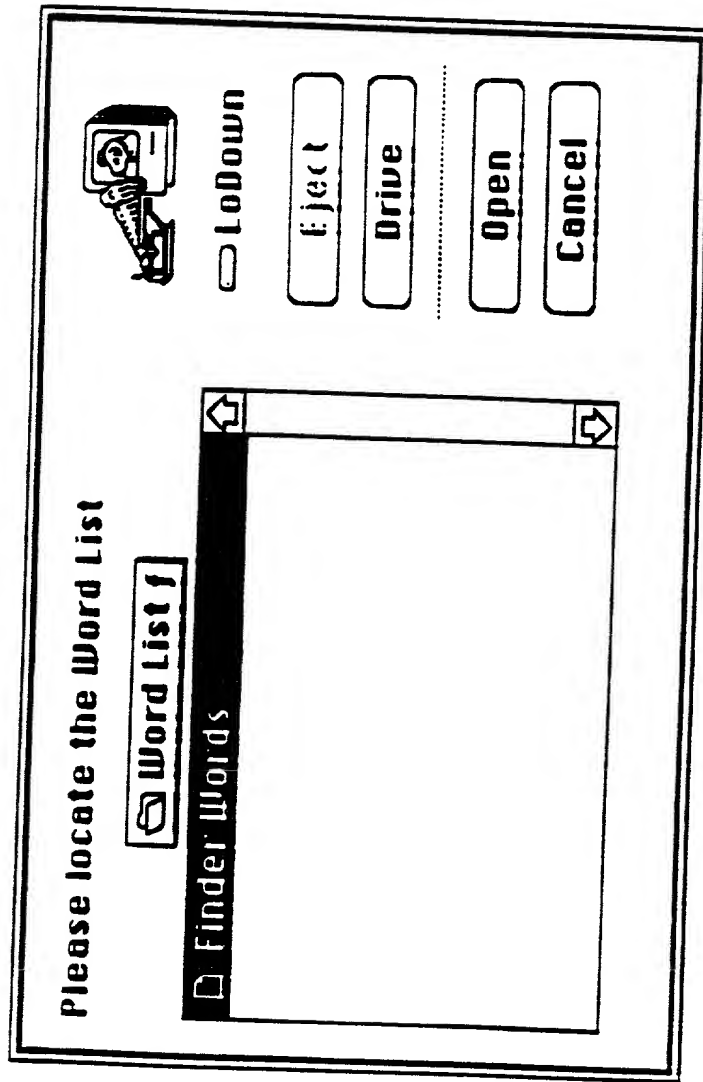


FIGURE 67

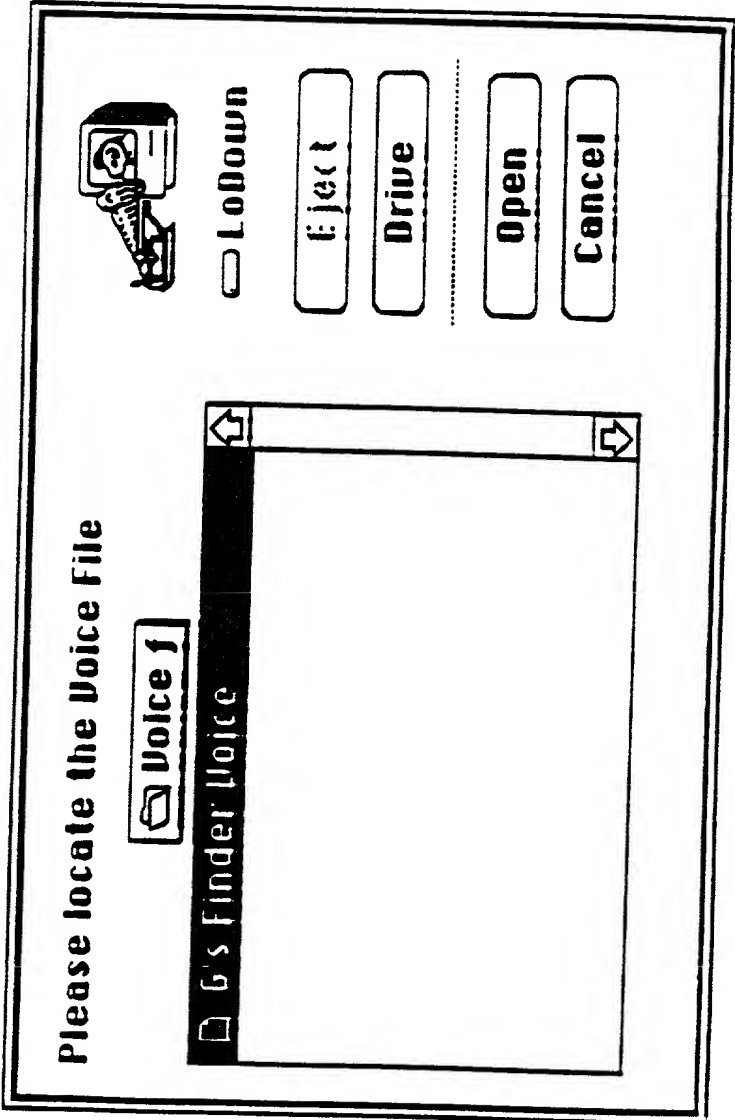


FIGURE 68

FIGURE 69

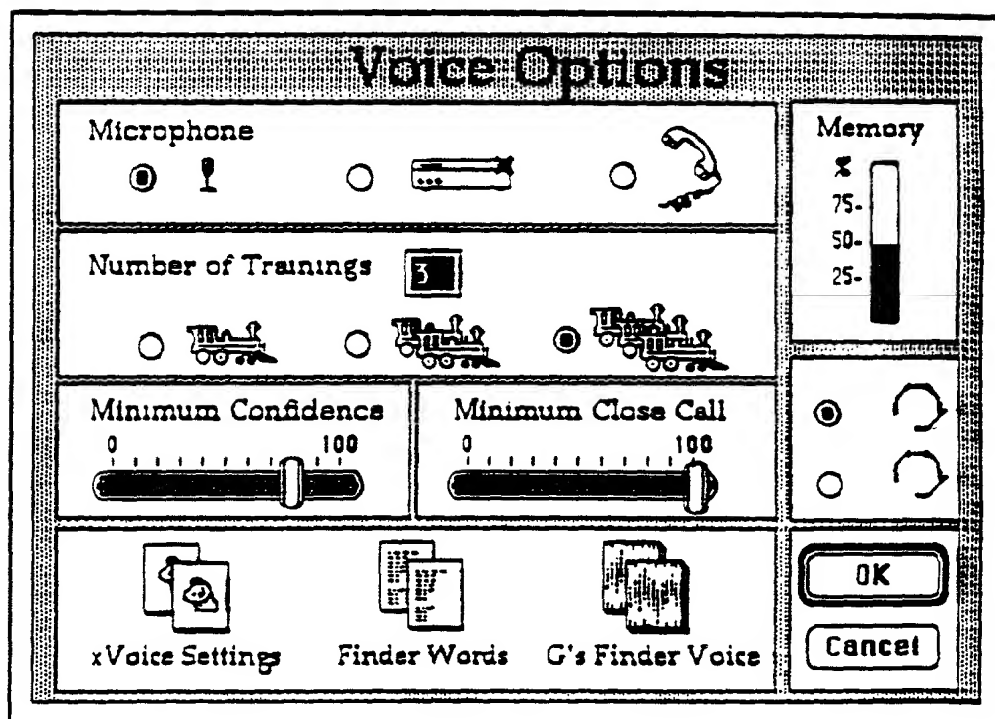


FIGURE 70

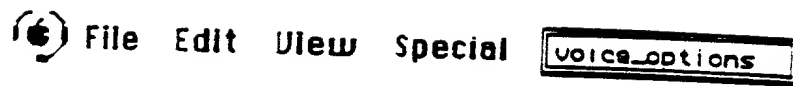


FIGURE 71

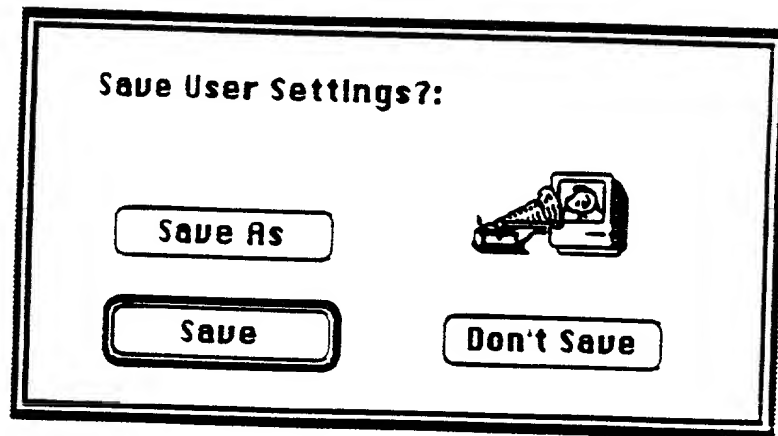


FIGURE 72



Please enter the  
new User Name:

Voice Settings

Save

Cancel




FIGURE 73












Voice Options		
<b>Microphone</b> <input checked="" type="radio"/>  <input type="radio"/>  <input type="radio"/> 		<b>Memory</b> 
<b>Number of Trainings</b> <input type="radio"/>  <input type="radio"/>  <input checked="" type="radio"/> 		
<b>Minimum Confidence</b> <input type="range" value="50"/>	<b>Minimum Close Call</b> <input type="range" value="50"/>	<input checked="" type="radio"/>  <input type="radio"/> 
 <b>xVoice Settings</b>	 <b>Finder Words</b>	
<div> <input type="button" value="OK"/> <input type="button" value="Cancel"/> </div>		

FIGURE 74

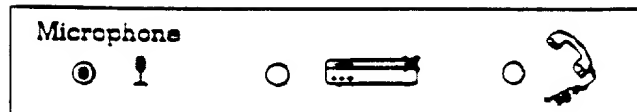


FIGURE 75

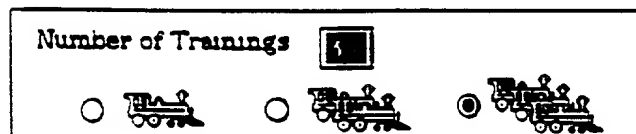


FIGURE 76



FIGURE 77

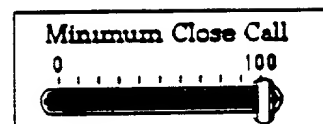


FIGURE 78

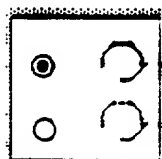


FIGURE 79

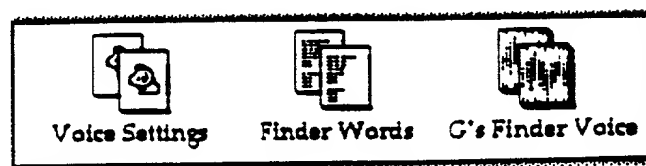


FIGURE 80

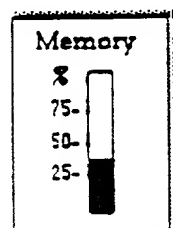


FIGURE 81

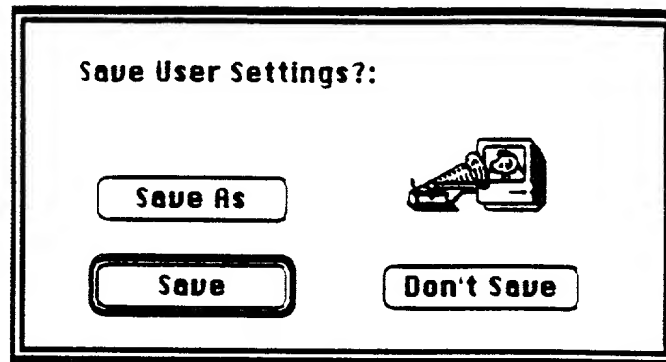


FIGURE 82

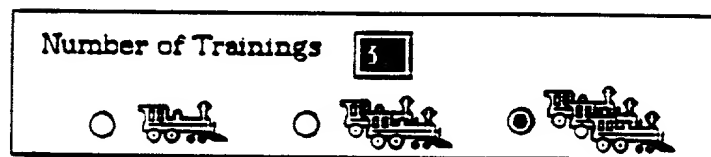


FIGURE 83

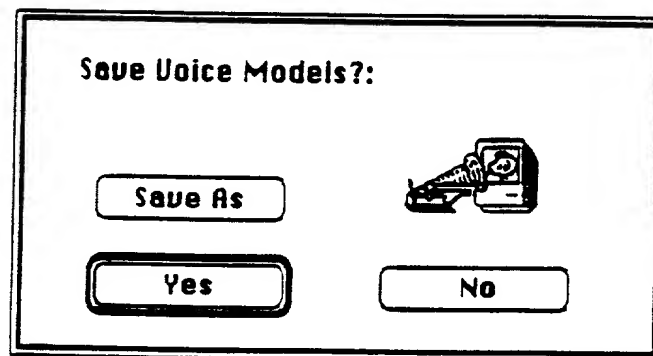


FIGURE 84

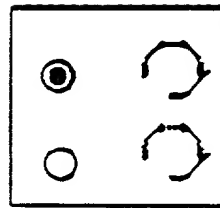


FIGURE 85

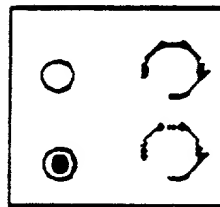
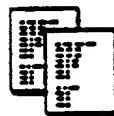


FIGURE 86



NO Word List



NO Voice File

FIGURE 87

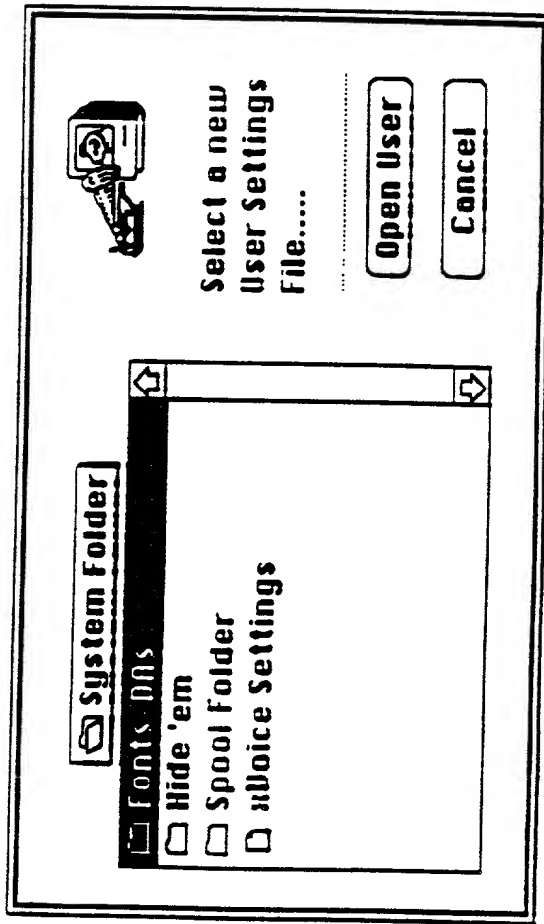
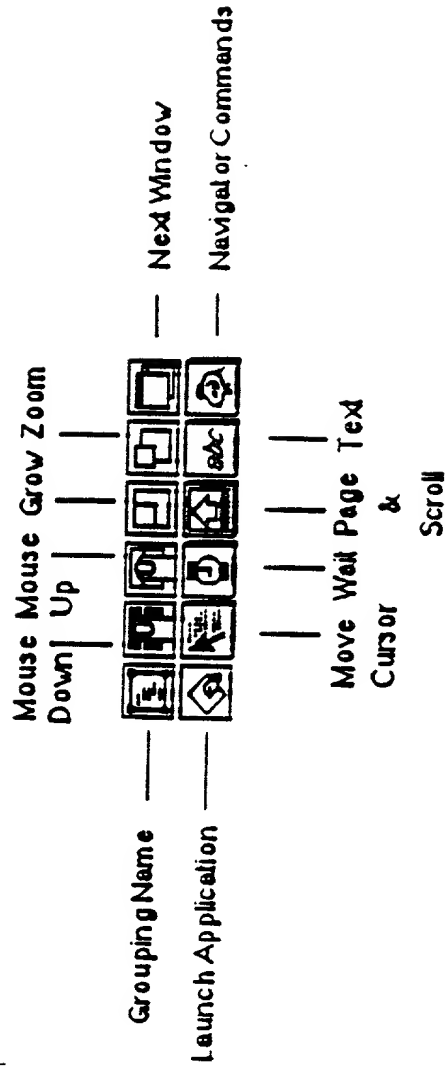


FIGURE 88



**FIGURE 89**

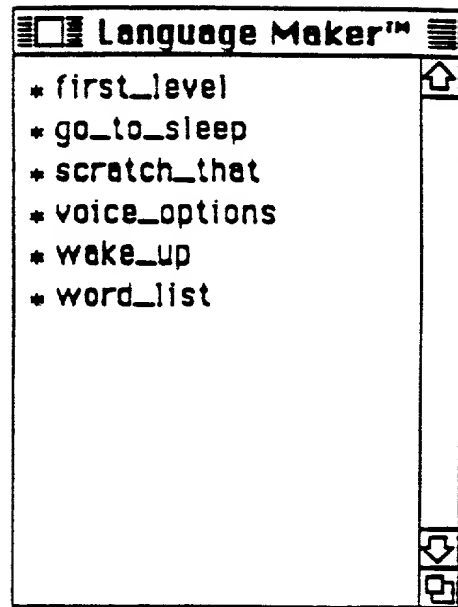


FIGURE 90



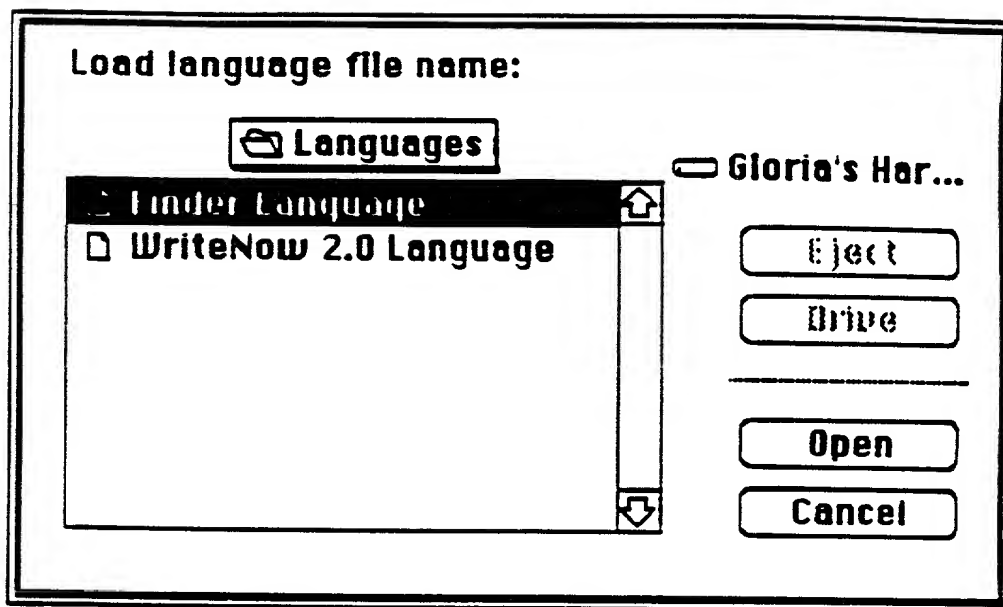


FIGURE 91

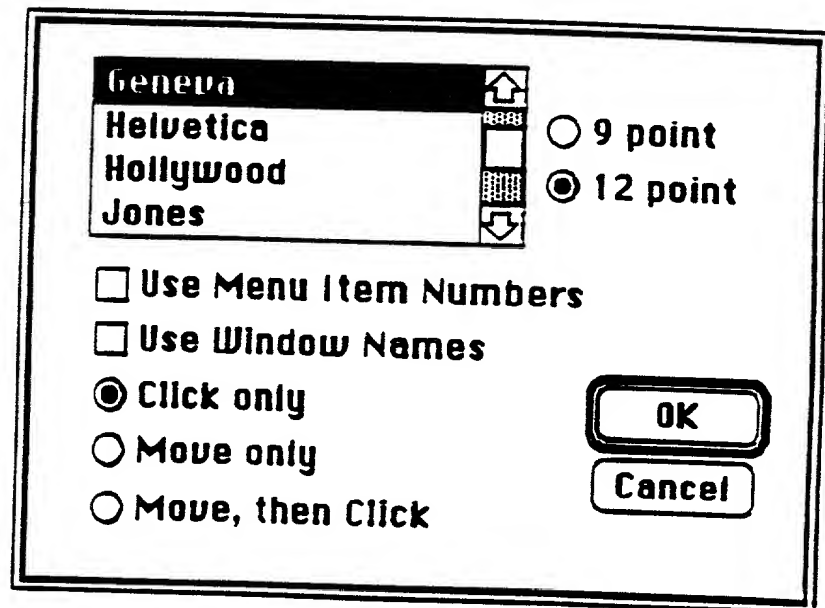


FIGURE 92

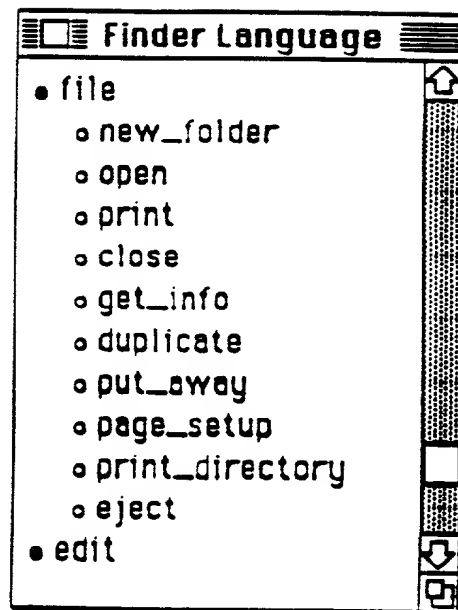


FIGURE 93

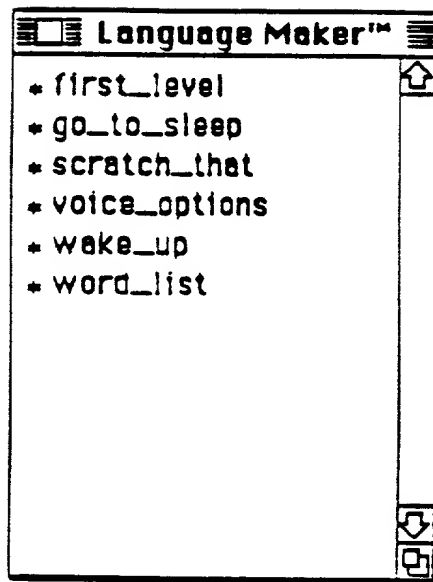


FIGURE 94

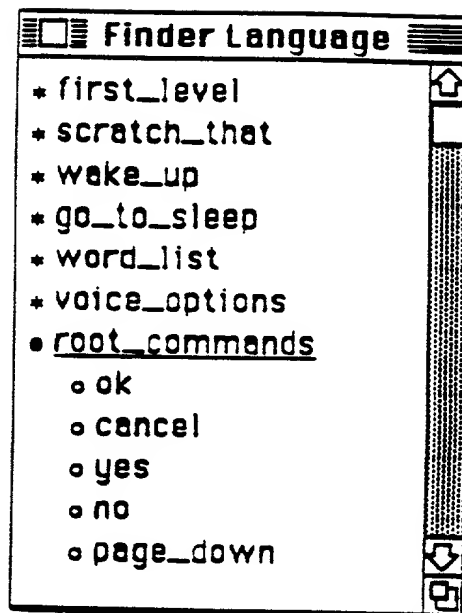


FIGURE 95

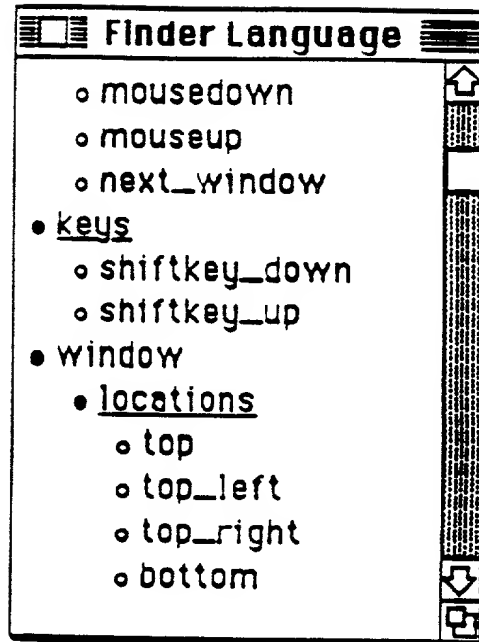


FIGURE 96

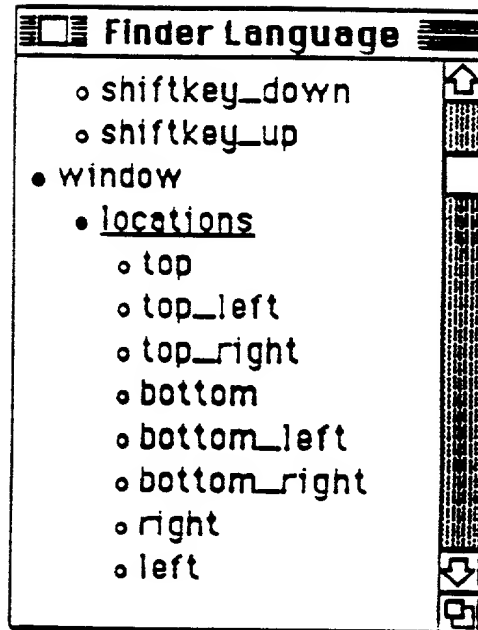


FIGURE 97

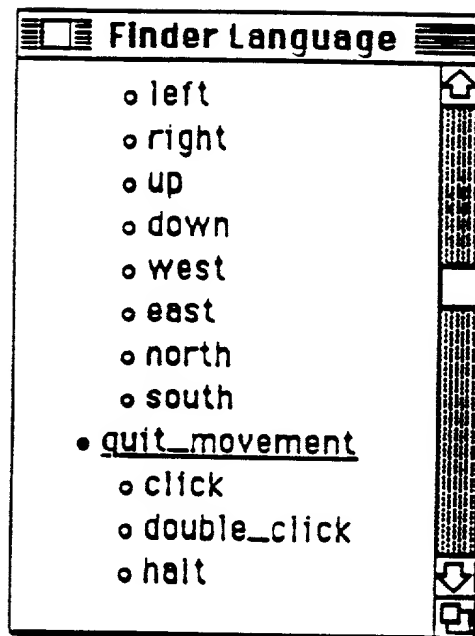


FIGURE 98



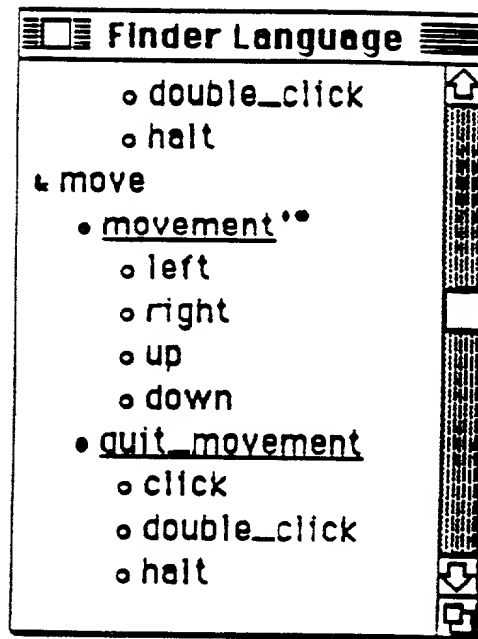


FIGURE 99

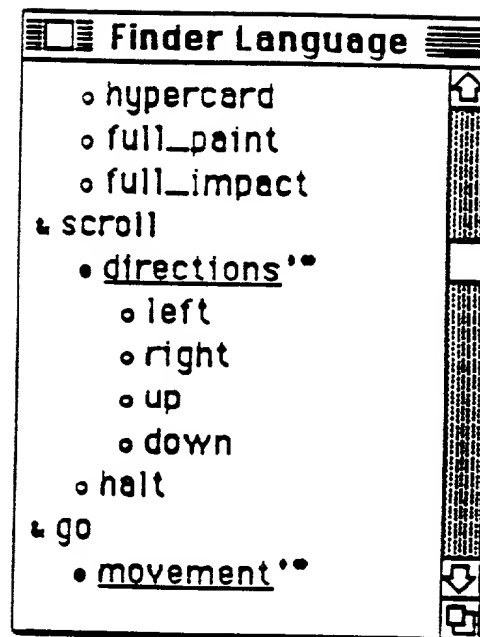


FIGURE 100

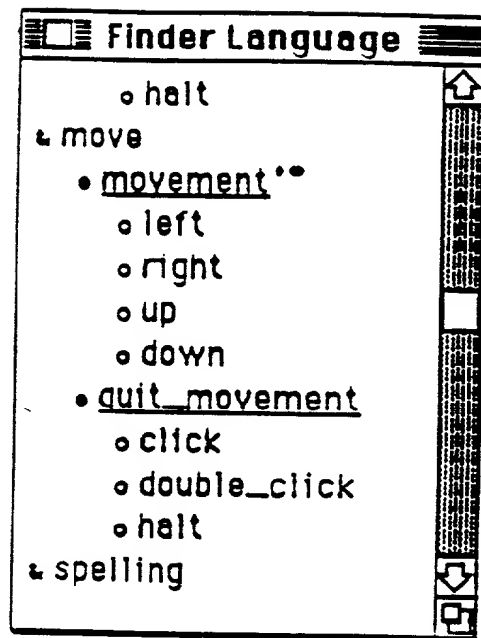


FIGURE 101

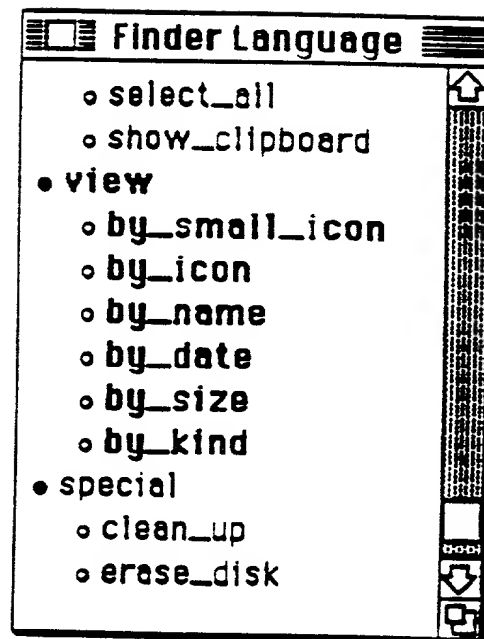


FIGURE 102

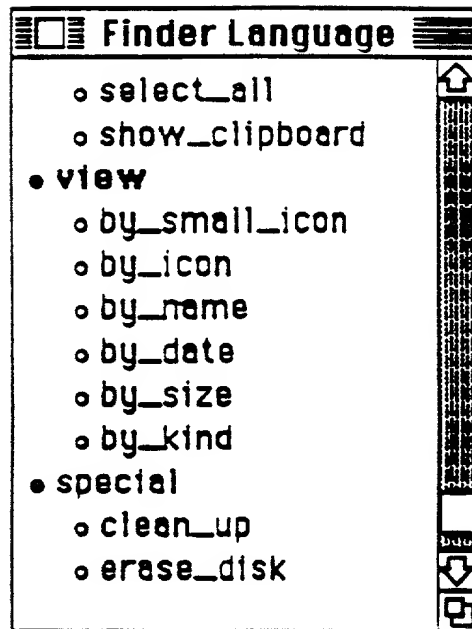


FIGURE 103

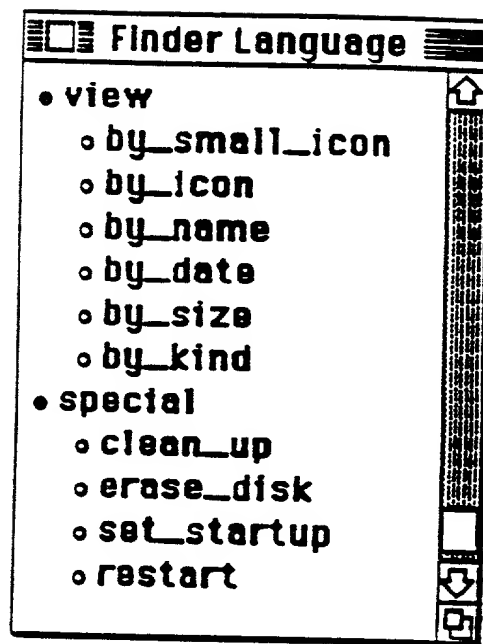


FIGURE 104

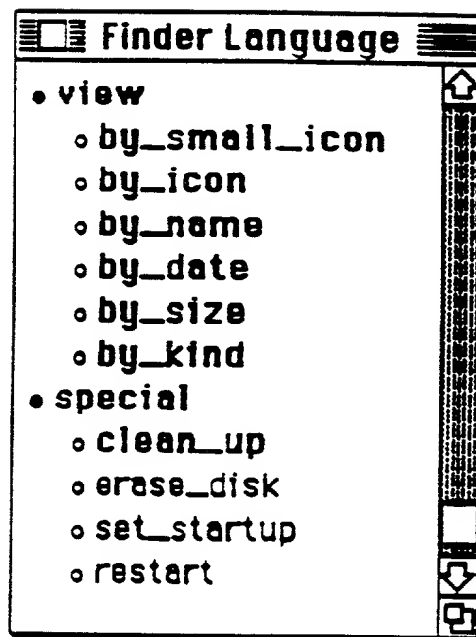


FIGURE 105

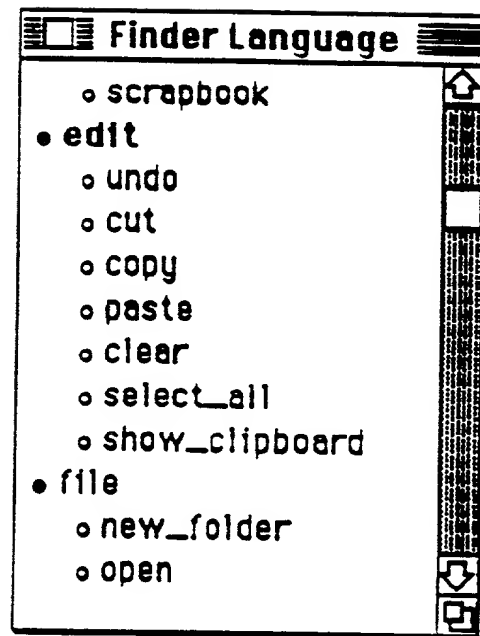


FIGURE 106



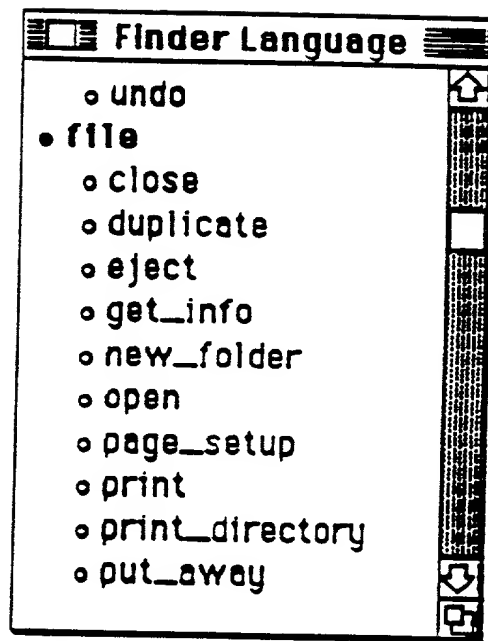


FIGURE 107

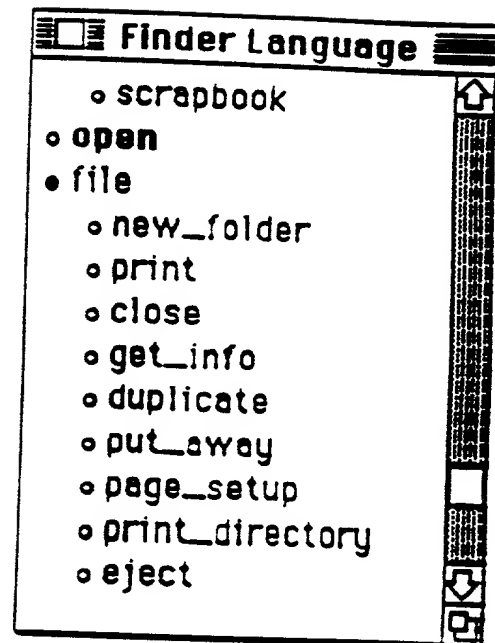
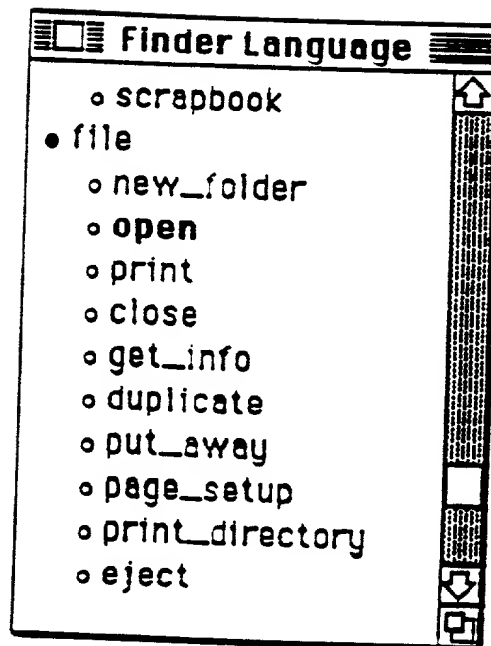


FIGURE 108

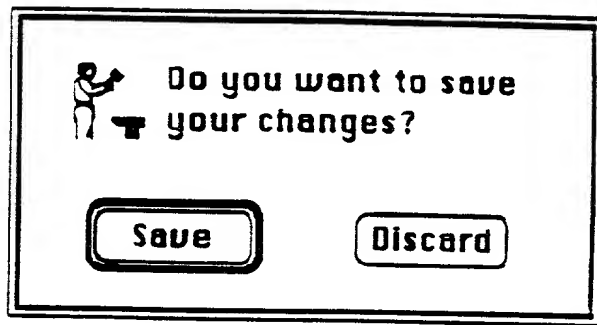


FIGURE 109

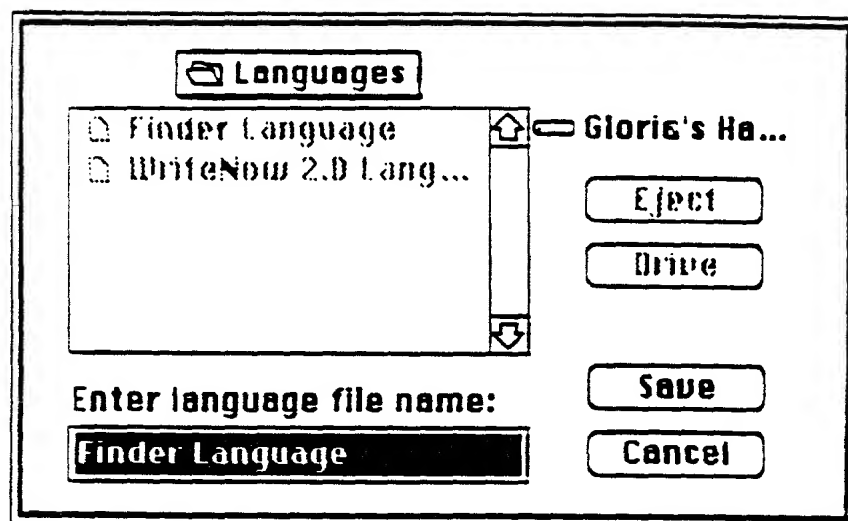


FIGURE 110

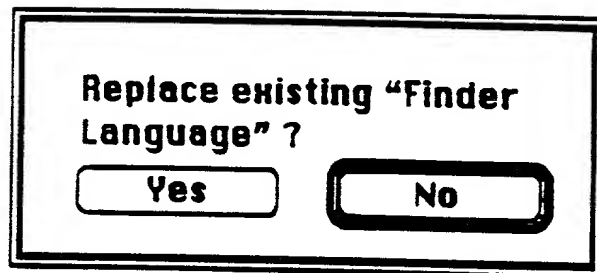


FIGURE 111



Finder

FIGURE 112



Finder Words

FIGURE 113

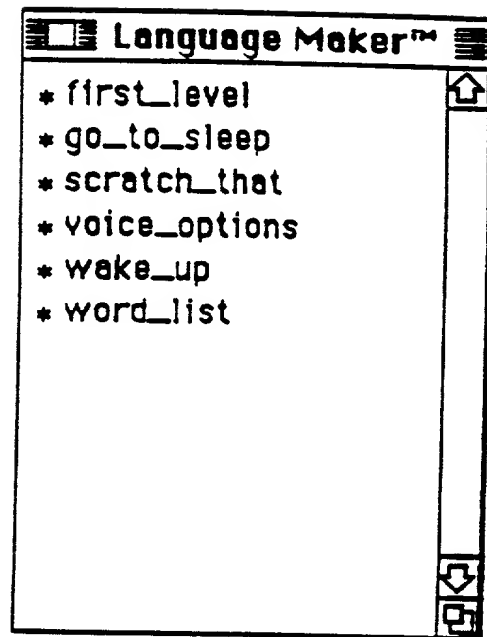


FIGURE 114

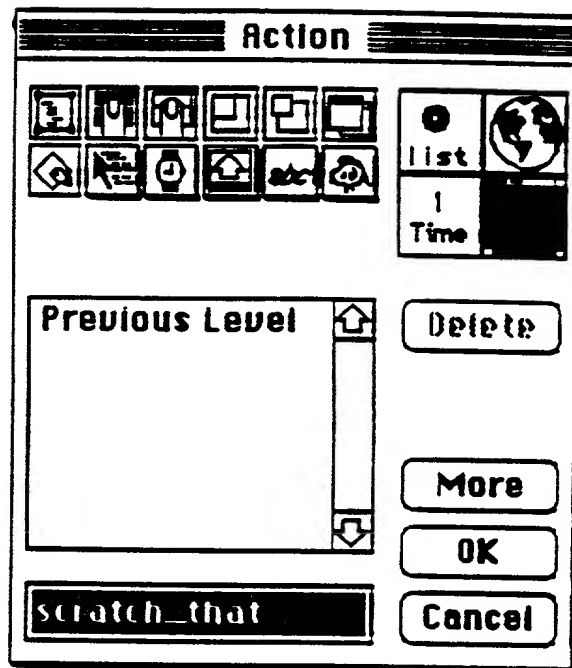


FIGURE 115

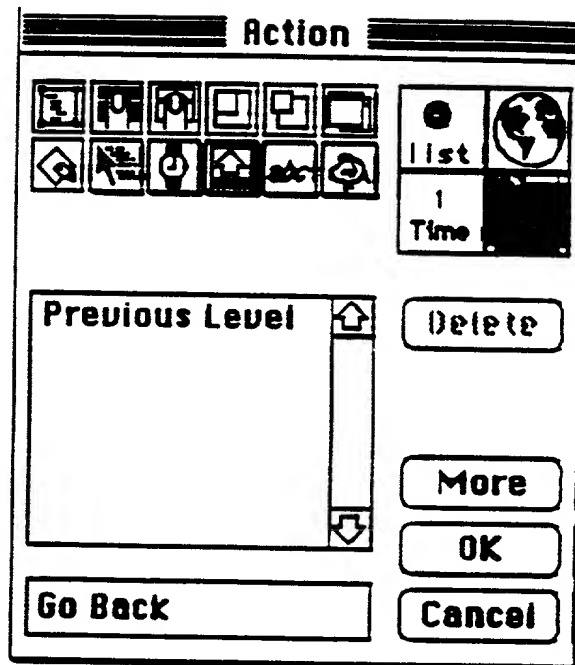


FIGURE 116



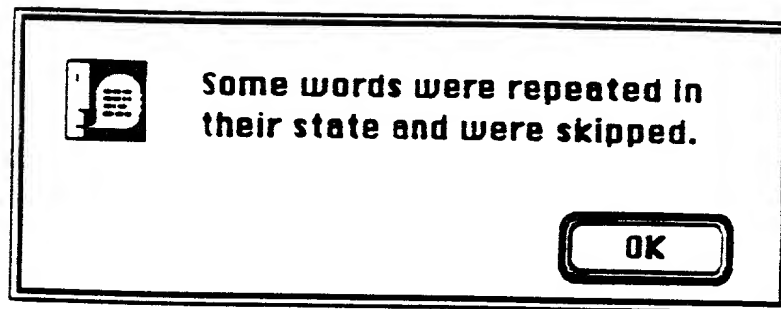


FIGURE 117

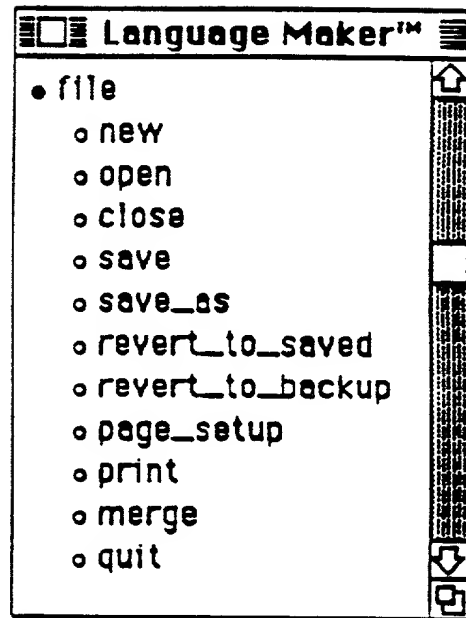


FIGURE 118

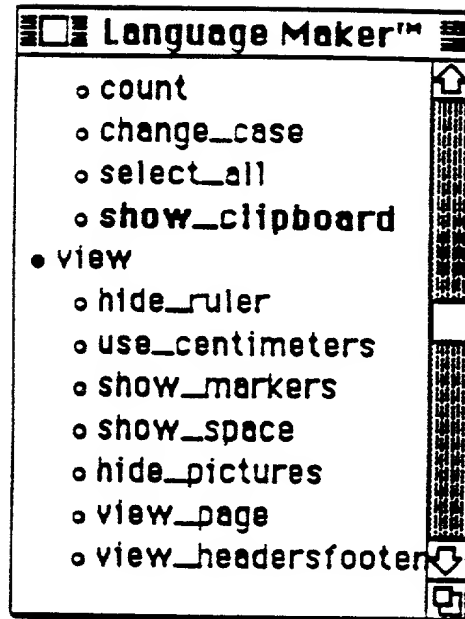


FIGURE 119

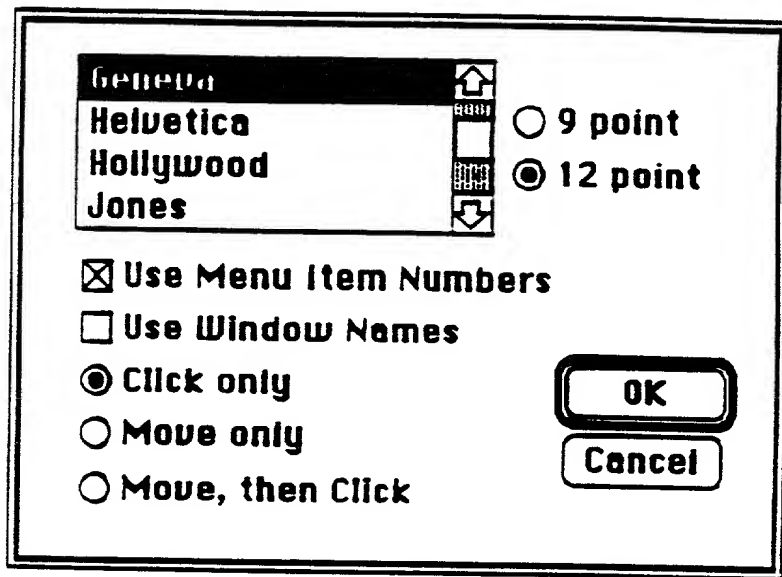


FIGURE 120

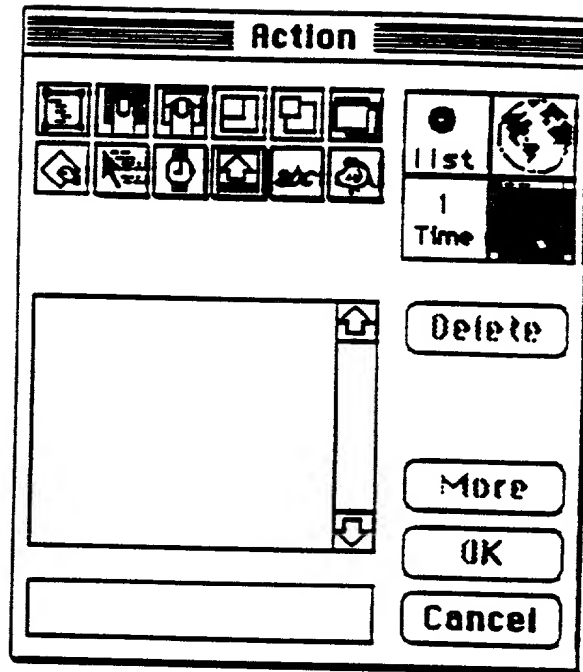


FIGURE 121

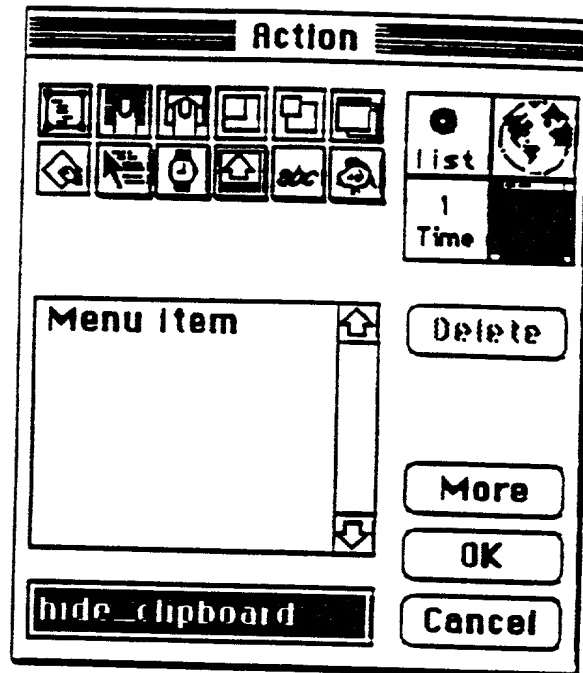


FIGURE 122

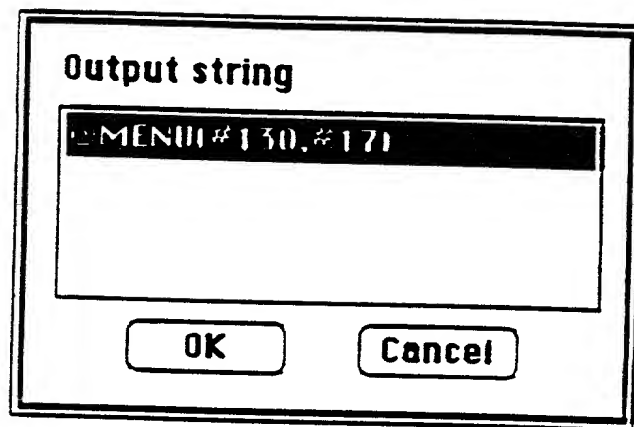


FIGURE 123

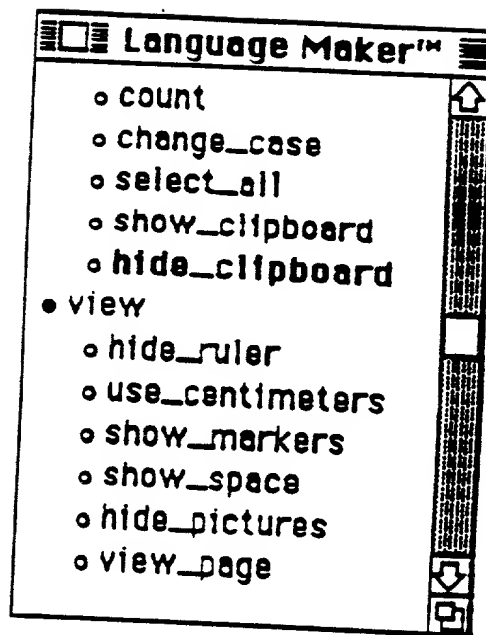


FIGURE 124





Screen Relative



Window Relative

FIGURE 125

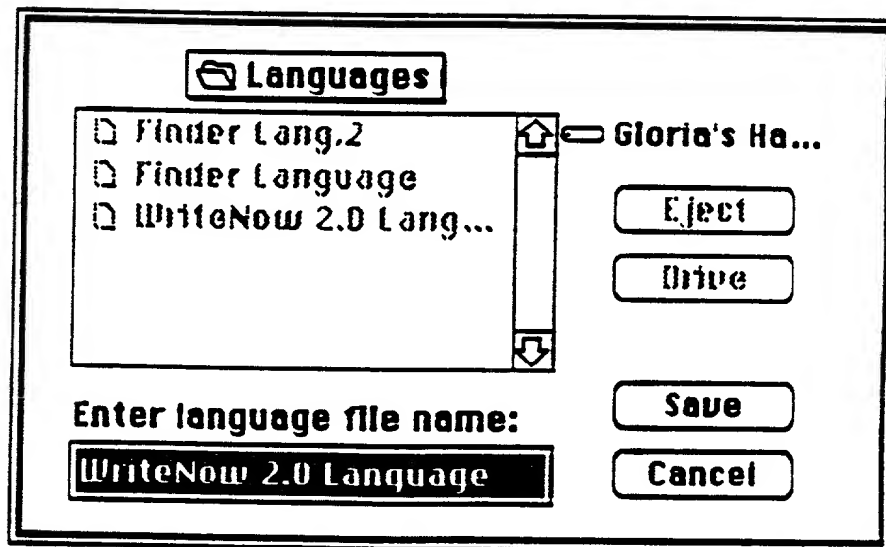


FIGURE 126

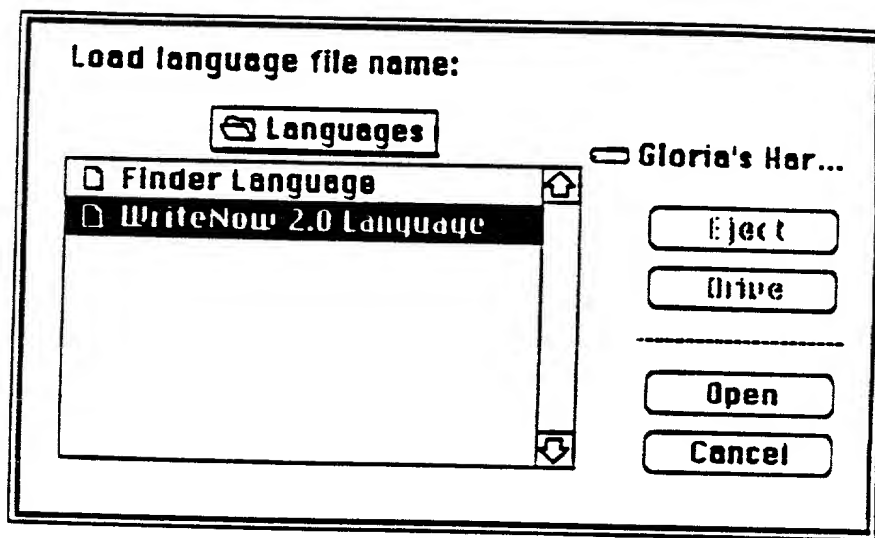


FIGURE 127

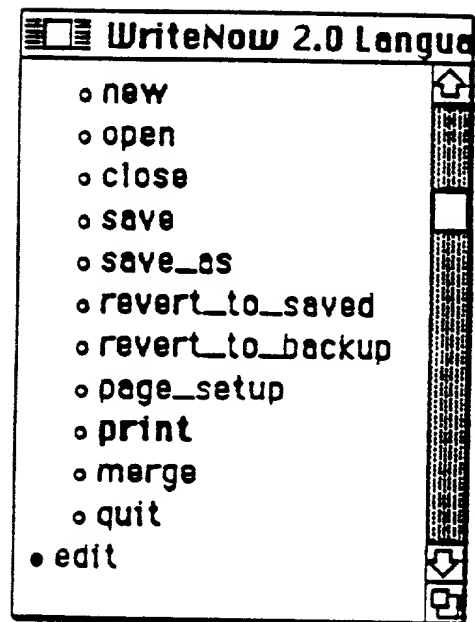


FIGURE 128

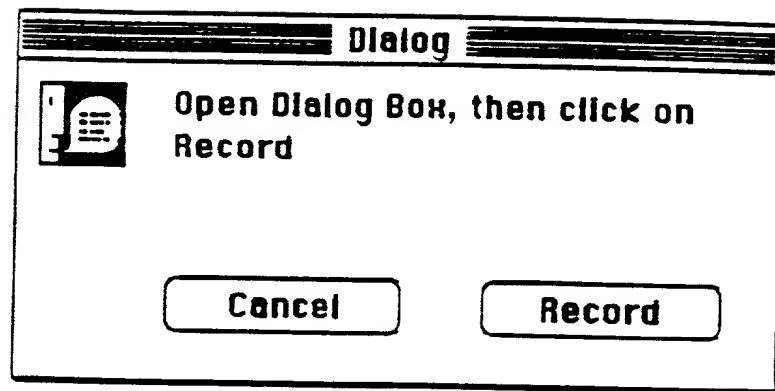


FIGURE 129

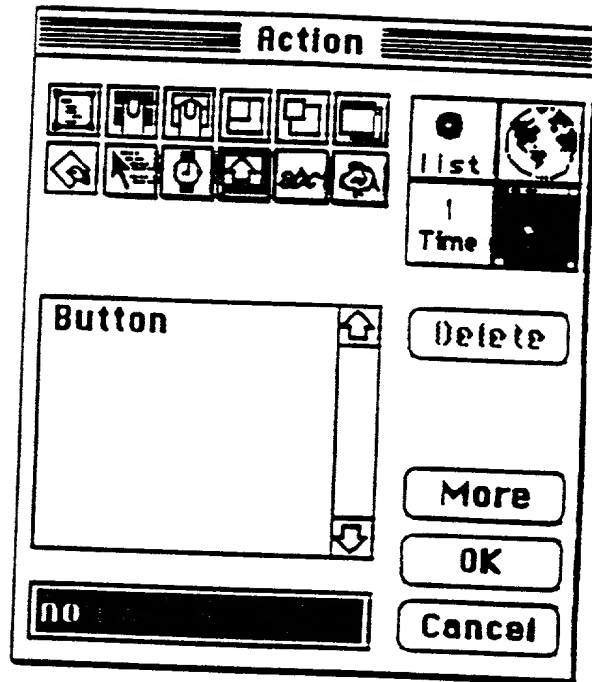


FIGURE 130

Group  
Icon

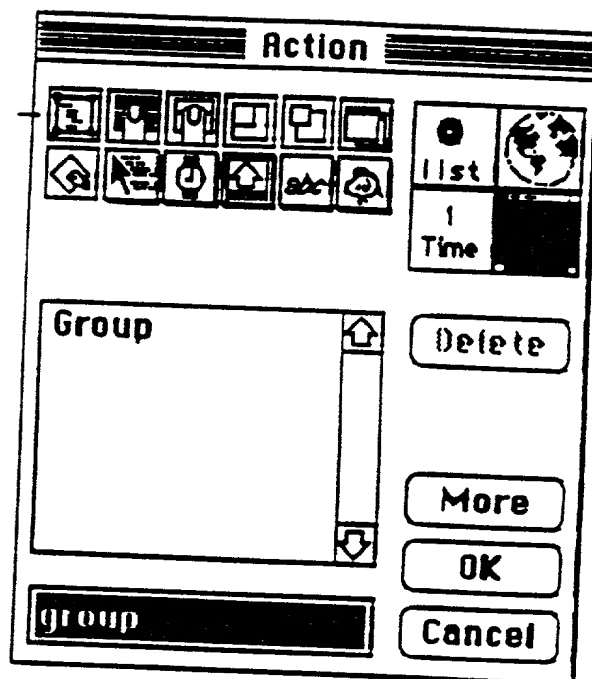


FIGURE 131

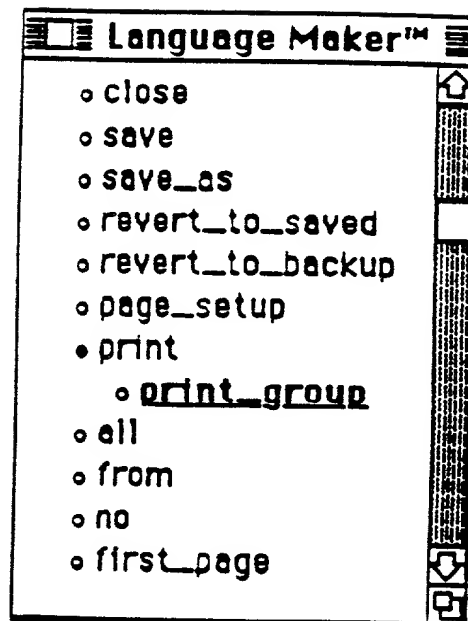


FIGURE 132

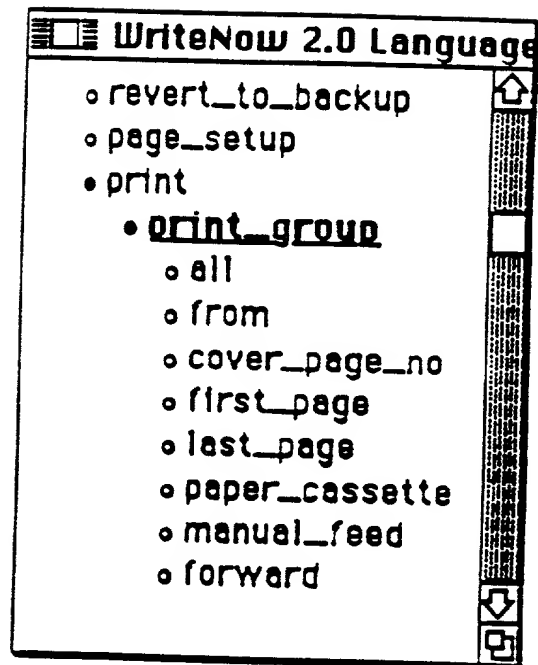


FIGURE 133



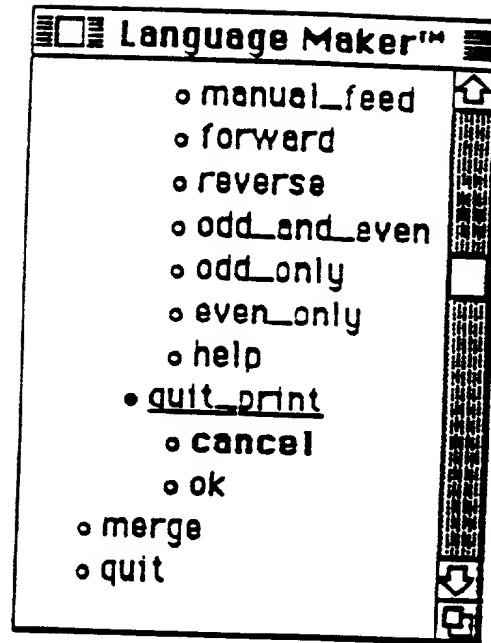
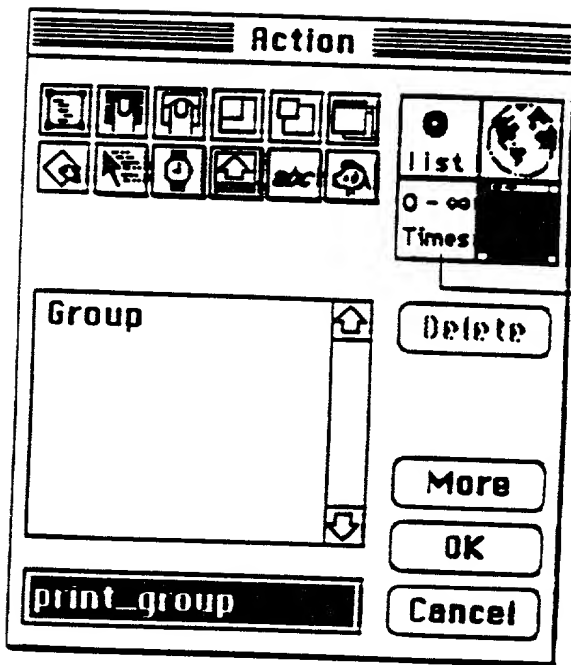


FIGURE 134



Repetition:  
0 to ∞ Times

FIGURE 135

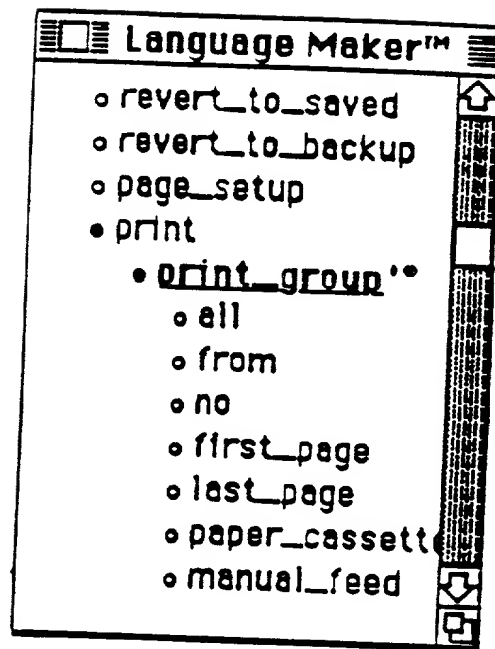


FIGURE 136

Sequence

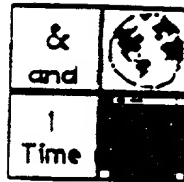


FIGURE 137

Sequence

Repetition



Global Word

Screen/Window Relative

FIGURE 138



Screen Relative



Window Relative

FIGURE 139



FIGURE 140

Default Changed To  
Southeast Corner

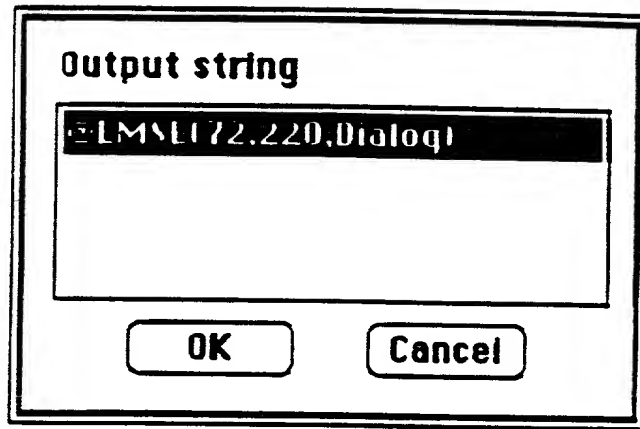


FIGURE 141

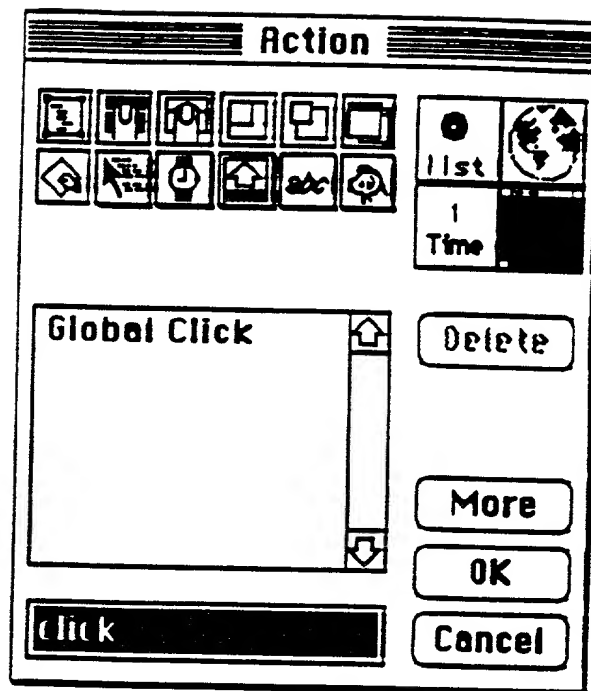


FIGURE 142

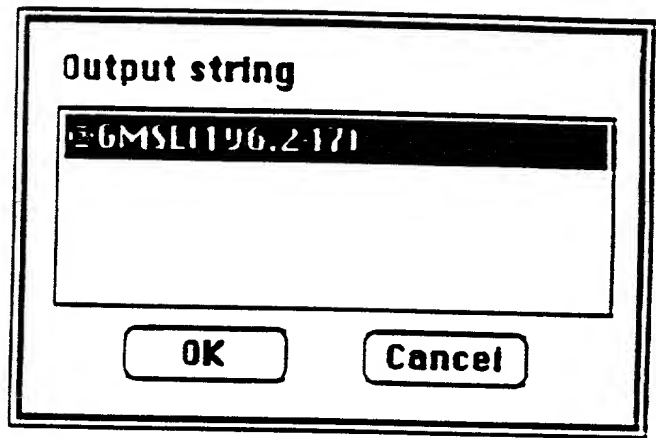


FIGURE 143

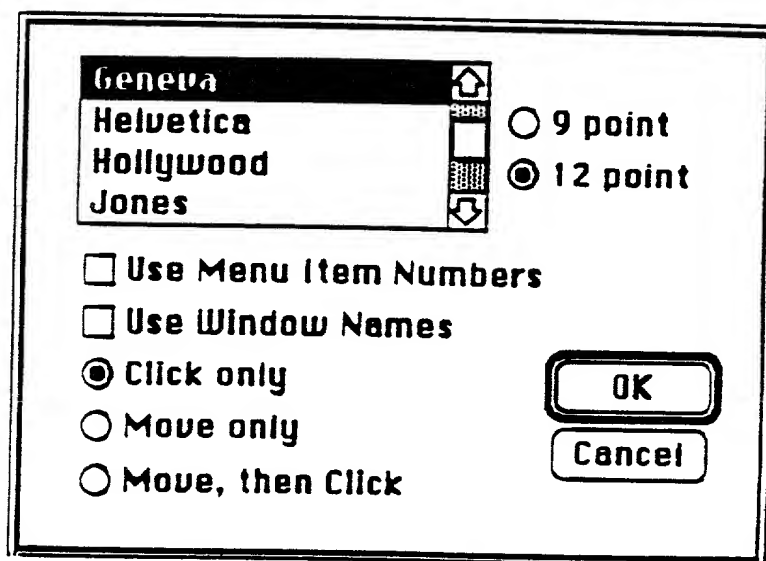


FIGURE 144





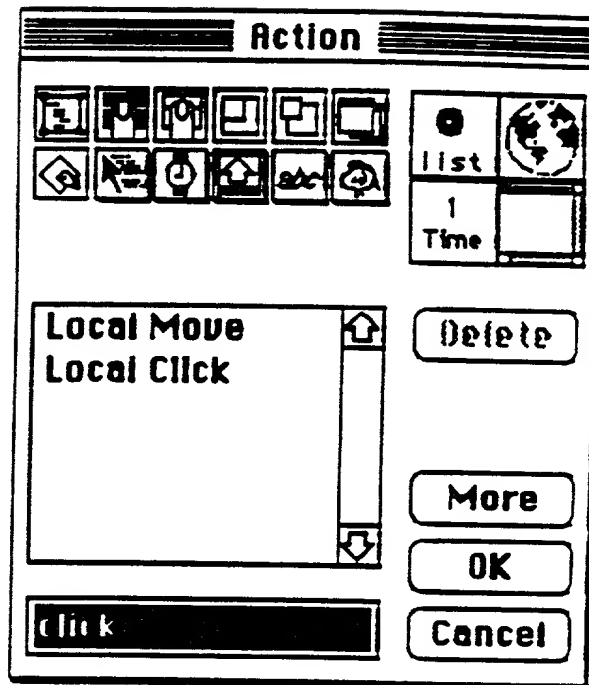


FIGURE 146

Mouse Down

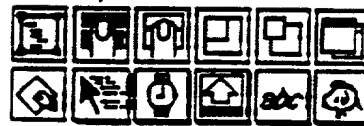


FIGURE 147

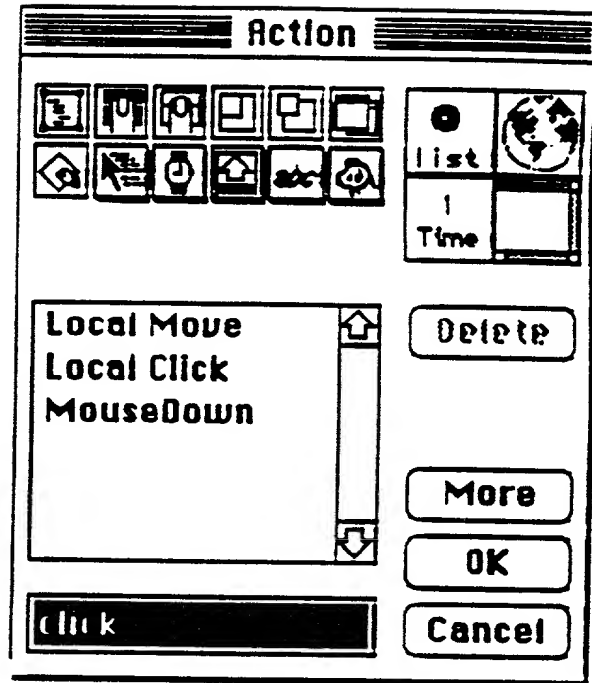
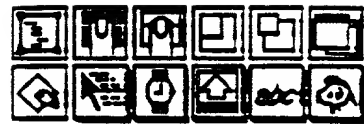


FIGURE 148





Scroll & Page

FIGURE 150

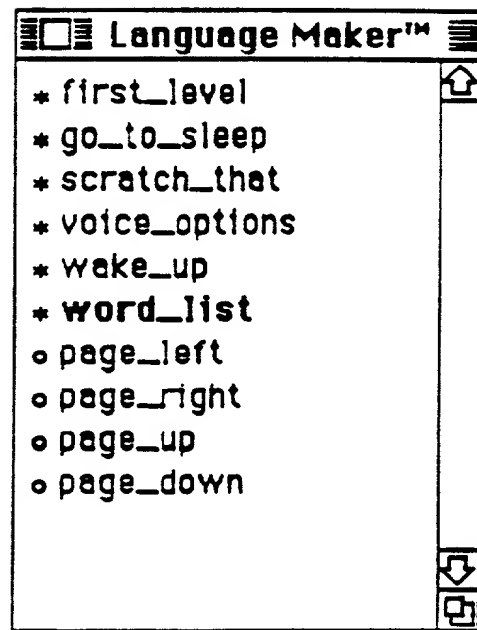


FIGURE 151

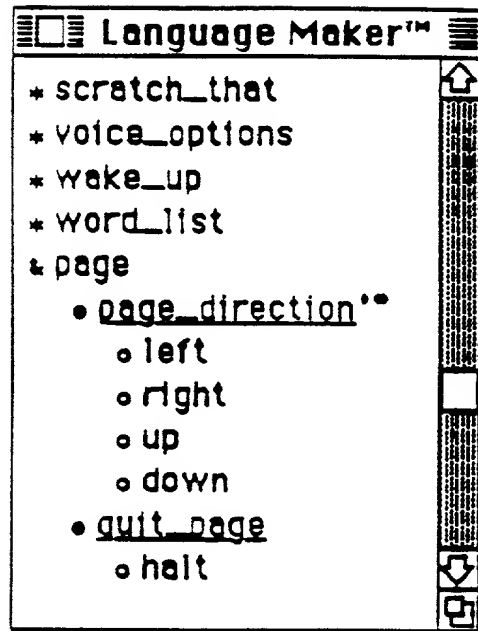


FIGURE 152

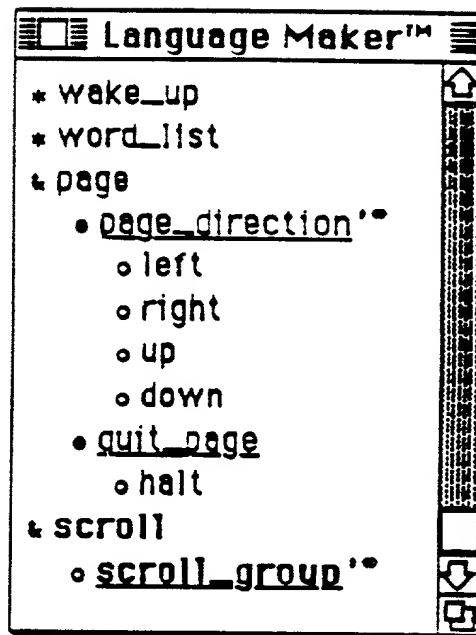


FIGURE 153



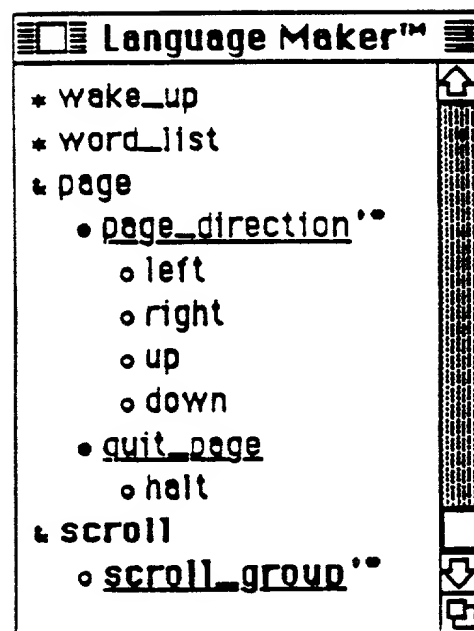


FIGURE 154



Move

FIGURE 155

Zoom



FIGURE 156

Grow Box



FIGURE 157

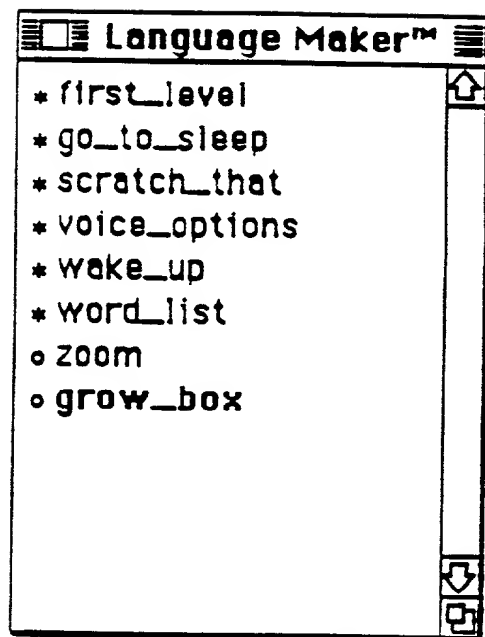


FIGURE 158



Launch

FIGURE 159

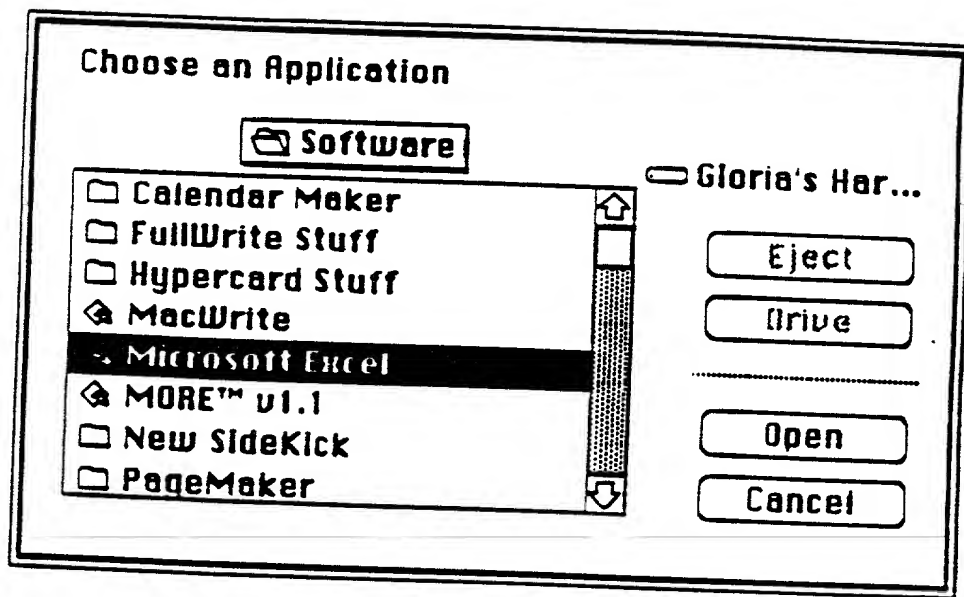


FIGURE 160

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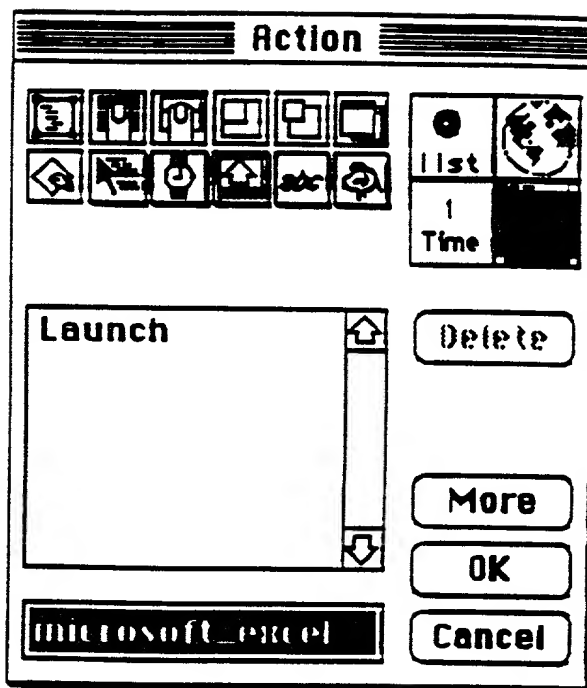


FIGURE 161

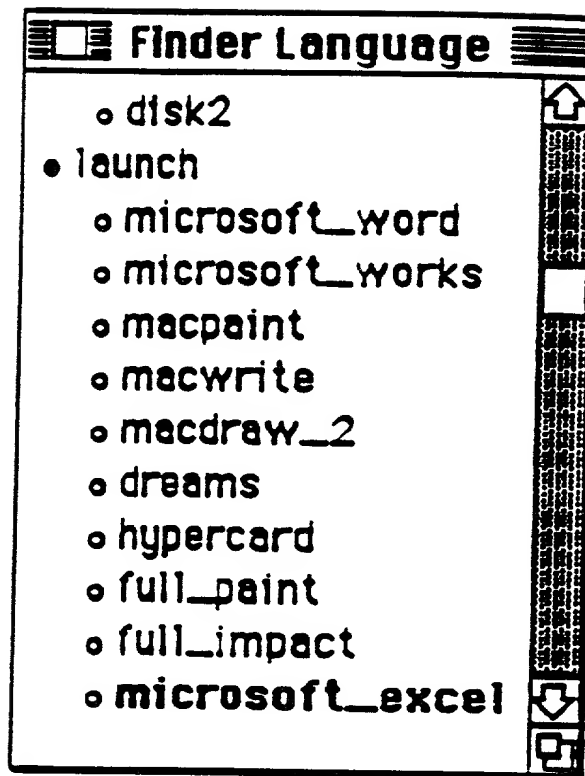
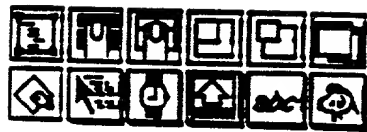


FIGURE 162



Navigator

FIGURE 163

Icon for Global Word



FIGURE 164

ART WORK CATEGORIES

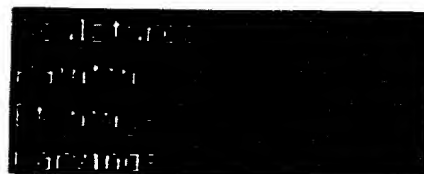


FIGURE 165



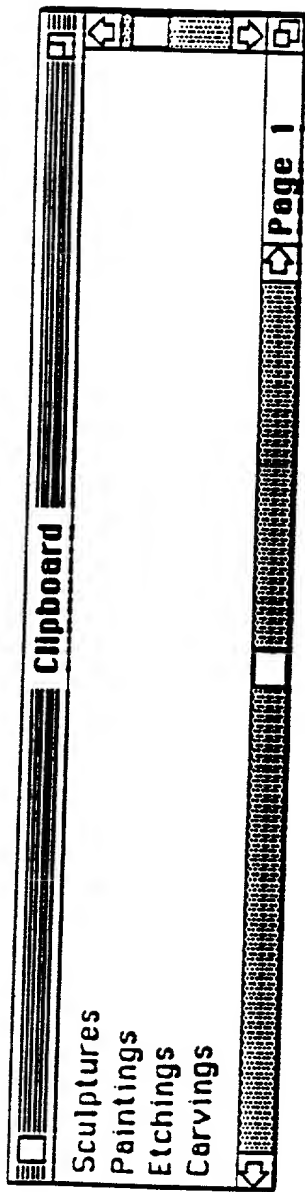


FIGURE 166

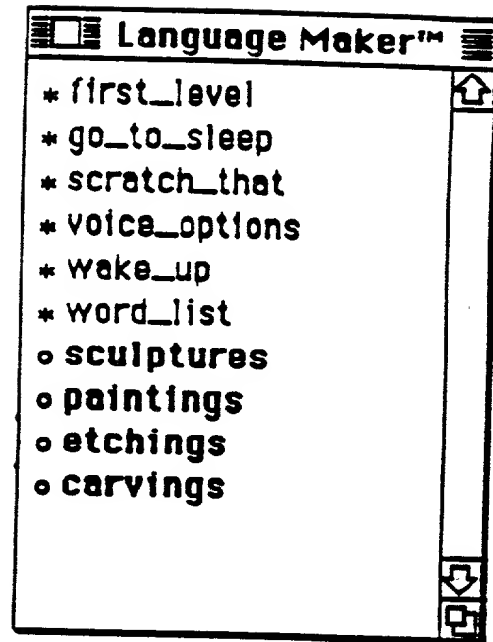
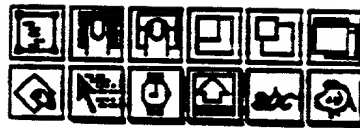


FIGURE 167



|  
Text

**FIGURE 168**

**Enter text to type**

**OK** **Cancel**

**FIGURE 169**



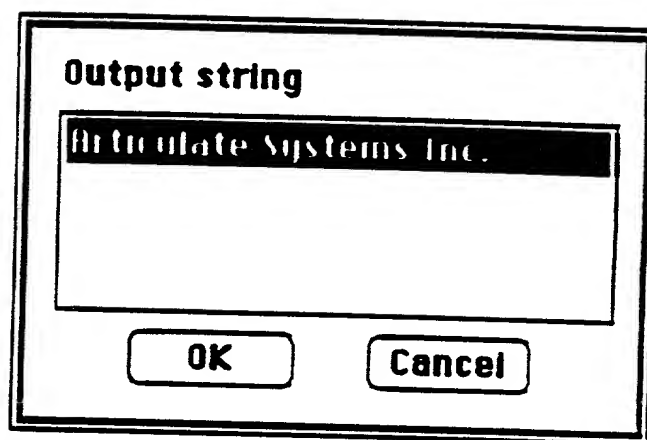


FIGURE 171

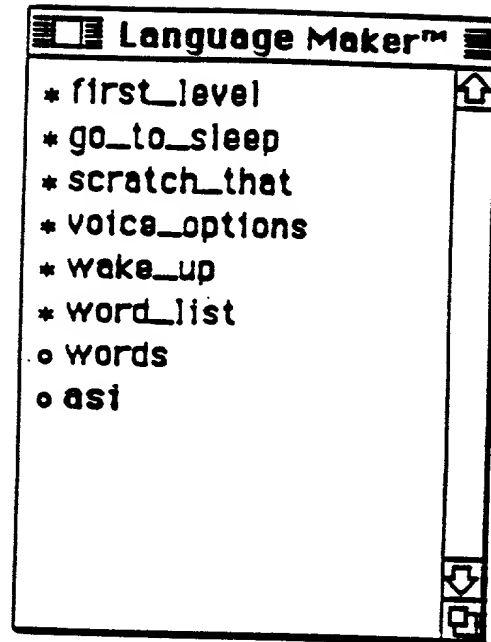


FIGURE 172

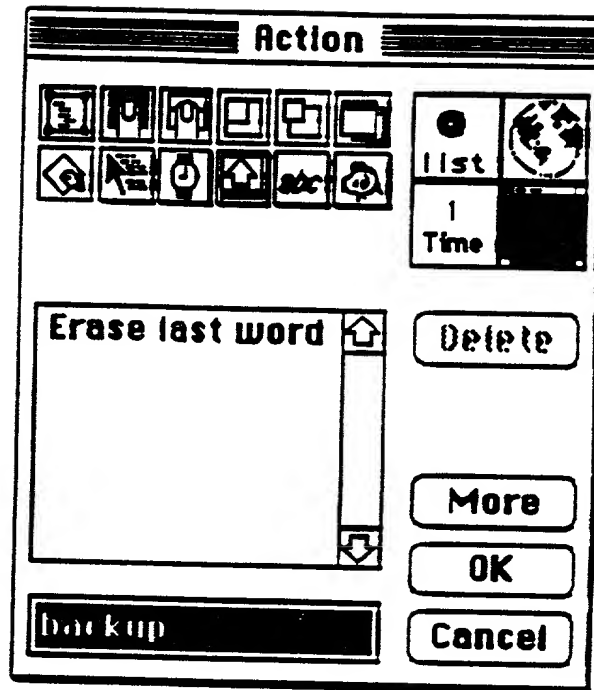


FIGURE 173